ADDITIONAL INFORMATION

Inquiries regarding specific stations or local data should be directed to the Department of Water Resources offices shown below:

County	District Office
Butte, Colusa, Del Norte, Glenn, Humboldt, Lake, Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama, and Trinity	Northern District P. O. Box 607 2440 Main Street Red Bluff, CA 96080 (916) 527-6530
Alameda, Alpine, Amador, Calaveras, Contra Costa, El Dorado, Marin, Mendocino, Mono (North), Napa, Nevada, Placer, Sacramento, San Francisco, San Joaquin, San Mateo, Santa Clara, Sierra, Solano, Sonoma, Sutter, Tuolumne, Yolo, and Yuba	Central District 3521 "S" Street Sacramento, CA 95816-7017 (916) 445-6831
Fresno, Kern (valley), Kings, Madera, Mariposa, Merced, Monterey, San Benito, Santa Cruz, Stanislaus, and Tulare	San Joaquin District 3374 East Shields Avenue Fresno, CA 93726-6990 (209) 445-5443
Imperial, Inyo, Kern (desert), Los Angeles, Orange, Riverside, Mono (South), San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura	Southern District P. O. Box 6598 849 South Broadway, Suite 500 Los Angeles, CA 90055-1598 (213) 620-4107

Inquiries regarding statewide data should be directed to the Division of Planning:

Department of Water Resources
Division of Planning
Statewide Data Coordinator
P. O. Box 942836
Sacramento, CA 94236-0001
(916) 445-7314

State of California—Resources Agency
Department of Water Resources
P.O. Box 942836
Sacramento CA 94236-0001

State of California
The Resources Agency

Department of
Water Resources

Bulletin 130-85
May 1988

HYDROLOGIC DATA 1985
Volume IV: San Joaquin Valley

Gordon K. Van Vleck
Secretary for Resources
The Resources Agency

George Deukmejian
Governor
State of California

David N. Kennedy
Director
Department of Water Resources

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State of California
DEPARTMENT OF WATER RESOURCES
P. O. Box 942836
Sacramento, CA 94236-0001

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Department of Water Resources
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ON THE COVER: Flowing swiftly through the central California foothills toward the Sacramento-San Joaquin Delta, the Stanislaus River provides irrigation water for farmers, fishing opportunities for anglers, and magnificent scenery for all.

Department of
Water Resources

Bulletin 130-85

HYDROLOGIC DATA 1985

Volume IV:
San Joaquin Valley

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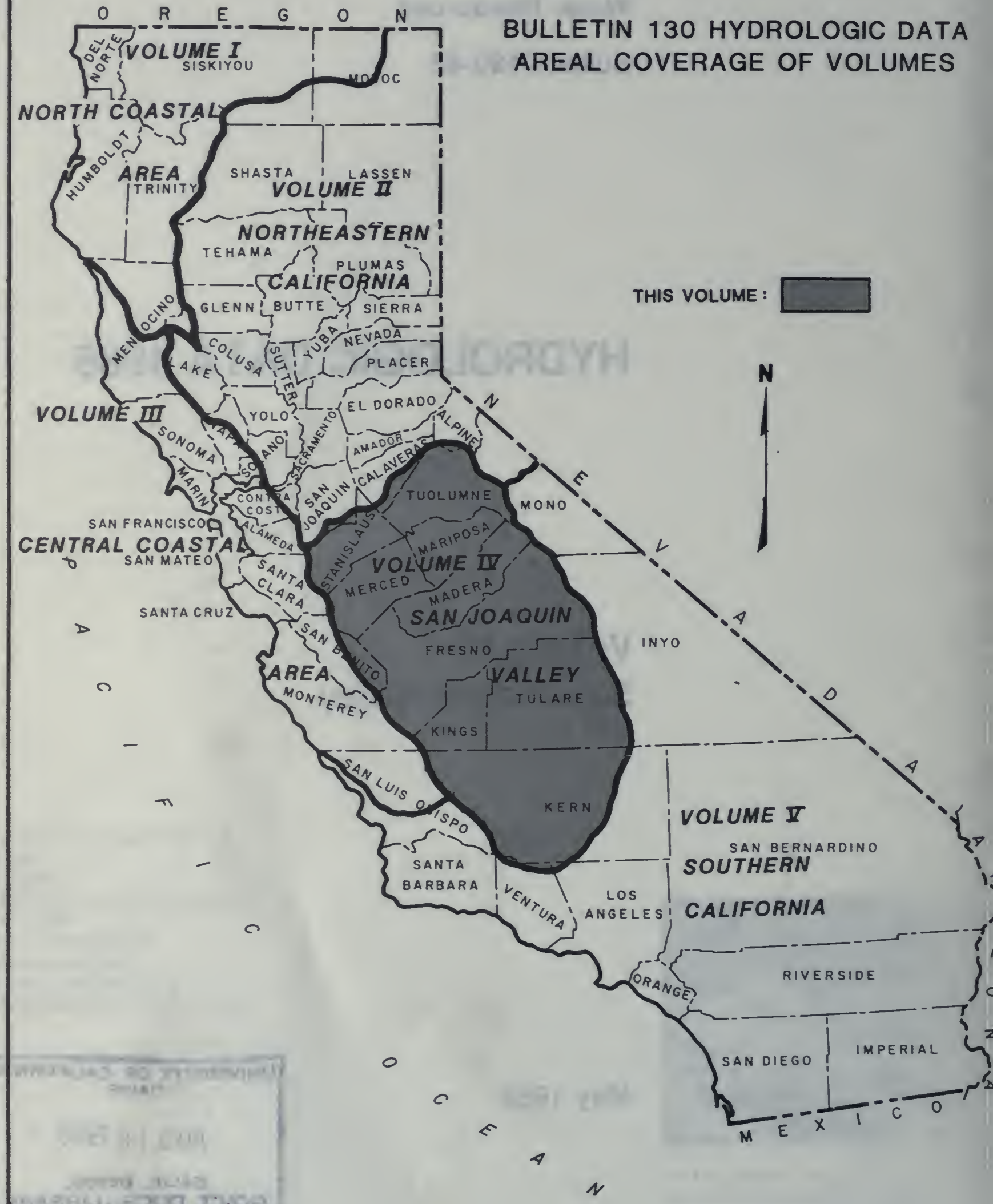
BULLETIN 130 HYDROLOGIC DATA AREAL COVERAGE OF VOLUMES

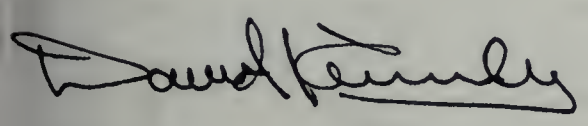


FOREWORD

Department of Water Resources' Bulletin 130 series, which presents hydrologic data for California, was published annually from 1963 to 1975. The series was discontinued with the advent of the storage and retrieval of hydrologic data by electronic data processing methods. However, continued interest in the series prompts resumption of publication.

The first in the resumed series is Bulletin 130-85. It contains hydrologic data for the 1985 water year (October 1, 1984 through September 30, 1985). The Bulletin is published in five volumes, each of which reports on one of the five areas of the State delineated on the facing map. This volume covers the San Joaquin Valley.

The data collection program of the Department of Water Resources supplements similar activities by other agencies to obtain the information required for effective water resources planning, design and operation of water facilities, and for control and management of the State's water resources.



David N. Kennedy, Director
Department of Water Resources

CONTENTS

Page

BULLETIN 130 HYDROLOGIC DATA AREAL COVERAGE OF VOLUMES ii
FOREWORD iii
CALIFORNIA WATER COMMISSION vi
ORGANIZATION, DEPARTMENT OF WATER RESOURCES vii
ACKNOWLEDGMENTS viii
INTRODUCTION 1
Station Location and Identification 1
Areal Designation Code 2
Agency Code 2
Additional Information ..... inside back cover

APPENDIXES

APPENDIX A – CLIMATOLOGICAL DATA 7
Table A–1 Monthly Precipitation, ... 18
Table A–2 Storage Gage Precipitation Data 21

APPENDIX B – SURFACE WATER MEASUREMENT 23
Index to Daily Mean Discharge Table 24
Table B Daily Mean Discharge 26

APPENDIX C – SURFACE WATER QUALITY 77
Sampling Station Index, San Joaquin Valley 78
Table C–1 Mineral Analyses of Surface Water 88
Table C–2 Minor Element Analyses of Surface Water 96
Table C–3 Miscellaneous Analyses of Surface Water 102
Table C–4 Nutrient Analyses of Surface Water 104
Table C–5 Pesticide Analyses of Surface Water 110

APPENDIX D – GROUND WATER MEASUREMENTS 113
Areal Codes for Hydrologic Areas and Index to Data—Appendix D 118
Table D Ground Water Levels at Wells 120

APPENDIX E – GROUND WATER QUALITY 207
Areal Codes for Hydrologic Areas and Index to Data – Appendix E 210
Table E–1 Mineral Analyses of Ground Water 212
Table E–2 Minor Element Analyses of Ground Water 222

CONTENTS (continued)

FIGURES

1. Hydrologic Basins of California 3
2. Areal Codes and Boundaries 4
3. Location of Climatological Stations 12
4. Location of Surface Water Measurement and Surface Water Quality Stations 82
5. Township and Range System of California 114
6. Location of the San Joaquin Valley Ground Water Basin—Measurement 119
7. Location of the San Joaquin Valley Ground Water Basin—Quality 211

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The California Water Commission serves as a policy advisory body to the Director of Water Resources on all California water resources matters. The nine-member citizen commission provides a water resources forum for the people of the State, acts as a liaison between the legislative and executive branches of State Government, and coordinates federal, state, and local water resources efforts.

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Buena Vista Water Storage District
California Water Service Company
Cawelo Water District

Central California Irrigation District
Chowchilla Water District
City of Bakersfield
City of Fresno
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Kings County Water District
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National Weather Service
North Kern Water Storage District
Oakdale Irrigation District
Orange Cove Irrigation District
Pixley Irrigation District

Porterville Irrigation District
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San Benito County
San Luis Canal Company

Saucelito Irrigation District
Shafter-Wasco Irrigation District
Southern San Joaquin Municipal Utility District
Stone Corral Irrigation District
Tehachapi-Cummings County Water District

Tenneco-West
Terra Bella Irrigation District
Tranquillity Resources Conservation District
Tulare Irrigation District
Tule River Association

Turlock Irrigation District
U. S. Army Corps of Engineers
U. S. Bureau of Reclamation
U. S. Geological Survey
Westlands Water District
Wheeler Ridge-Maricopa Water Storage District

INTRODUCTION

Bulletin 130-85 presents data on the quantity and quality of California's water resources for the water year October 1, 1984 through September 30, 1985. These data were collected by the Department of Water Resources and other organizations cooperating with the Department. The data are published in five volumes (for areal coverage of volumes see page ii). This volume encompasses the San Joaquin Valley. Each volume contains data presented in five appendixes as follows:

Appendix	Subject
A	Precipitation Measurements
B	Surface Water Measurements
C	Surface Water Quality
D	Ground Water Measurements
E	Ground Water Quality

Inquiries regarding the data in this publication should be directed to the offices of the Department of Water Resources listed inside the back cover. The Department's files also contain some data currently not being published, which are also available from these offices.

Additional information about the availability of hydrologic data for California will be found in Department of Water Resources Bulletin 230 series "Index to Sources of Hydrologic Data." This reference series presents an inventory of historic hydrologic data on file with the Department. The most recent issue is Bulletin 230-81. A new edition is in preparation.

Station Location and Identification

The locations of precipitation and surface water quality data stations are shown on figures included with the respective appendix. Because there are so many individual wells, plotting these on a map in this volume is impractical. Instead, figures are presented in the respecitive appendix which delineate the areas for which data are listed.

The principal identifiers for locating hydrologic data stations are (1) station name, (2) station number, (3) latitude and longitude, (4) township, range and section (T,R and S) and (5) county. All are used in this publication, but vary with the type of data and common usage. For example, in ground water the township, range and section serve as the station name and number.

A sixth identifier, an areal one, is employed in this publication. Called the "Areal Designation Code," it is the signature for the Department's Areal Designation System which was developed to relate all water resources data to areal location. The Areal Designation System and Code are described in the following section.

Detailed explanations of the station names and station numbers used for each type of data appear with the appendix in which the data appear.

Latitude is the angular measurement from the equator, north or south, to a point of interest on the earth's surface. Longitude is the angular measurement from the prime meridian (zero point) at

Greenwich, England, east or west, to a point of interest on the earth's surface. Latitude and longitude are given in degrees, minutes and seconds. A difference of one second of latitude represents about 100 feet on the ground. In California, a difference of one second of longitude represents about 85 feet on the ground.

Areal Designation Code

The areal designation code (called simply the "areal code") is an alphanumeric which designates a specific hydrologic area in the State.

Areal designation defines hydrologic boundaries throughout California. Under this system, the State is divided into four geographic levels based on topography, hydrology, geology and occasionally, institutional considerations. These are designated, in decreasing size, hydrologic basin (HB), hydrologic unit (HU), hydrologic area (HA) and hydrologic subarea (HSA). The first level, the hydrologic basin, is the land area defined by the highest surrounding ridges such that each separate land area is easily identified as independent of the others. There are 12 hydrologic basins in California and each is identified by a letter (see Figure 1). Each of the hydrologic basins is divided into hydrologic units which encompass a major watershed, two or more small contiguous watersheds having similar characteristics, or a closed drainage area. The third level of subdivision is the hydrologic area and the fourth and smallest breakdown is the hydrologic subarea. The latter usually is a single ground water basin, a definable portion of a larger ground water basin, a tributary area of a stream system, or a definable portion of a large stream tributary.

The code used to identify each subdivision consists of five characters; a letter for the hydrologic basin; two numerics for the hydrologic unit; a letter for the hydrologic area; and a single numeric for the hydrologic subarea; i.e., B-06.A designates the Patterson Hydrologic area in this volume.

Because several stations may be located in a given hydrologic subarea, the areal code facilitates locating and comparing nearby stations, be they precipitation, streamflow, water quality or ground water stations. The areal code is used as an identifier for all stations in this report. The Water Data Information System (WDIS), a computerized data system of the Department of Water Resources, can retrieve all data types by areal code.

Areal codes and boundaries for this volume appear on Figure 2. A map showing all areal codes and boundaries in California as well as a list of all 1,309 subdivisions and their names is available on request.

Agency Code

Reference is made in various tables in this publication to code numbers used to identify agencies collecting data, operating stations, or performing laboratory analysis (Lab). The agencies or laboratories may be identified by matching the tabulated code number with one of the code numbers listed at the beginning of the respective appendix. A complete cross index of agencies and code numbers is available on request.

BASIN NAME	AREAL CODE LETTER
NORTH COAST	F
SACRAMENTO RIVER	A
NORTH LAHONTAN	G
SAN FRANCISCO BAY	E
SAN JOAQUIN RIVER	B
TULARE LAKE	C
SANTA ANA	Y
CENTRAL COAST	T
SOUTH LAHONTAN	W
LOS ANGELES	U
COLORADO RIVER	X
SAN DIEGO	Z

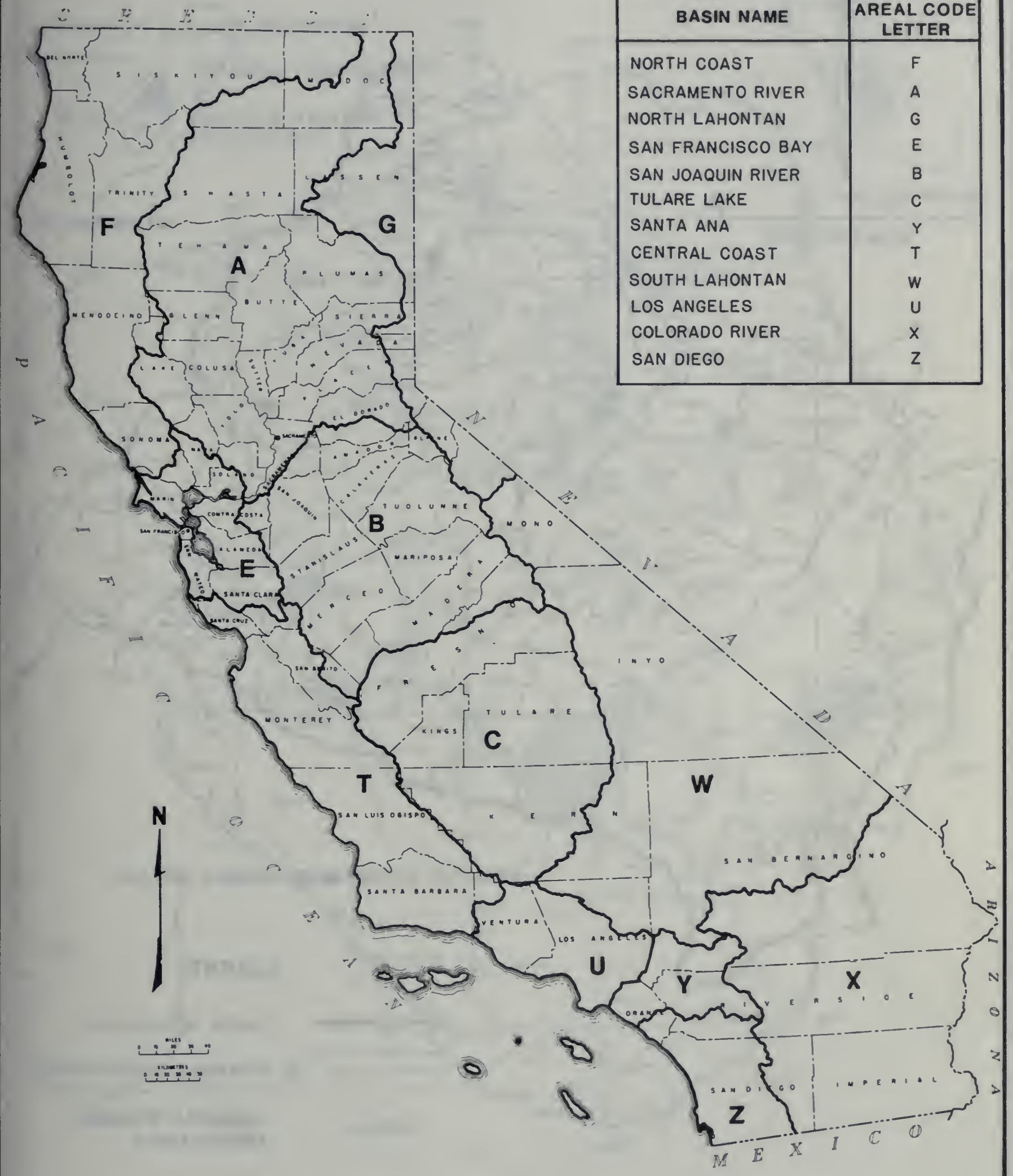

Figure 1. HYDROLOGIC BASINS OF CALIFORNIA

Figure 2 AREAL CODES AND BOUNDARIES

Figure 2 AREAL CODES AND BOUNDARIES

APPENDIX A

CLIMATOLOGICAL DATA

APPENDIX A

CLIMATOLOGICAL DATA

Appendix A presents precipitation data for certain climate stations in the San Joaquin Valley for the water year October 1, 1984 through September 30, 1985. Locations of the stations are shown on Figure 3, pages 12 through 17.

The first character of the nine character climatological station number indicates the major basin in which the station is located. This character is one of the areal code letters shown on Figure 1. The next two characters designate a hydrologic unit in the major basin. The fourth through the ninth characters denote the sequence of the stations under an alphanumeric system developed by the National Weather Service. (The fourth through seventh characters are the same as the four-digit station numbers used by the National Weather Service.)

Climatological stations are often named after the nearest post office and the distance and direction to the station. Distance is in miles, and the direction is represented in one of 16 compass points. For example, Avenal 6 SSW denotes a station located 6 miles south southwest of the post office at Avenal. To better describe some stations, the name of the station is followed by the entity who began reporting data. The responsibility for selecting the station name generally rests with the agency or individual who establishes the station.

The space for station names is restricted to a combination of 25 letters and/or numerals; therefore, some abbreviations are necessary. Common abbreviations are:

AP – Airport
CDF – California Department of Forestry
CP – Camp
DWR – Department of Water Resources
FD – Fire Department
FS – Fire Station
GS – Guard Station
HDW – Headworks
ID – Irrigation District
PH – Power House
RCH – Ranch
RS – Ranger Station
SCE – Southern California Edison
USCE – U. S. Corps of Engineers
WSD – Water Storage District

The Department gives latitude and longitude to the nearest second when the value is known, but the National Weather Service lists stations by degree and minute only. A zero value or a blank space for "seconds" in the latitude and longitude columns means that these values have been obtained from the National Weather Service, and the location has not been verified in the field.

Elevations are given in feet from USGS mean sea level datum, and are usually obtained by interpolation between contours of USGS topographic maps.

Precipitation values are shown to the nearest one-hundredth of an inch (0.01"). (Where digital recording rain gages that only record to the nearest tenth of an inch are used, a zero is shown in the second decimal place.)

The following notations are used to qualify the values:

–	No record or incomplete record
B	Record began
E	Estimated in some degree
N	Record ends
.00T	Trace, an amount too small to measure

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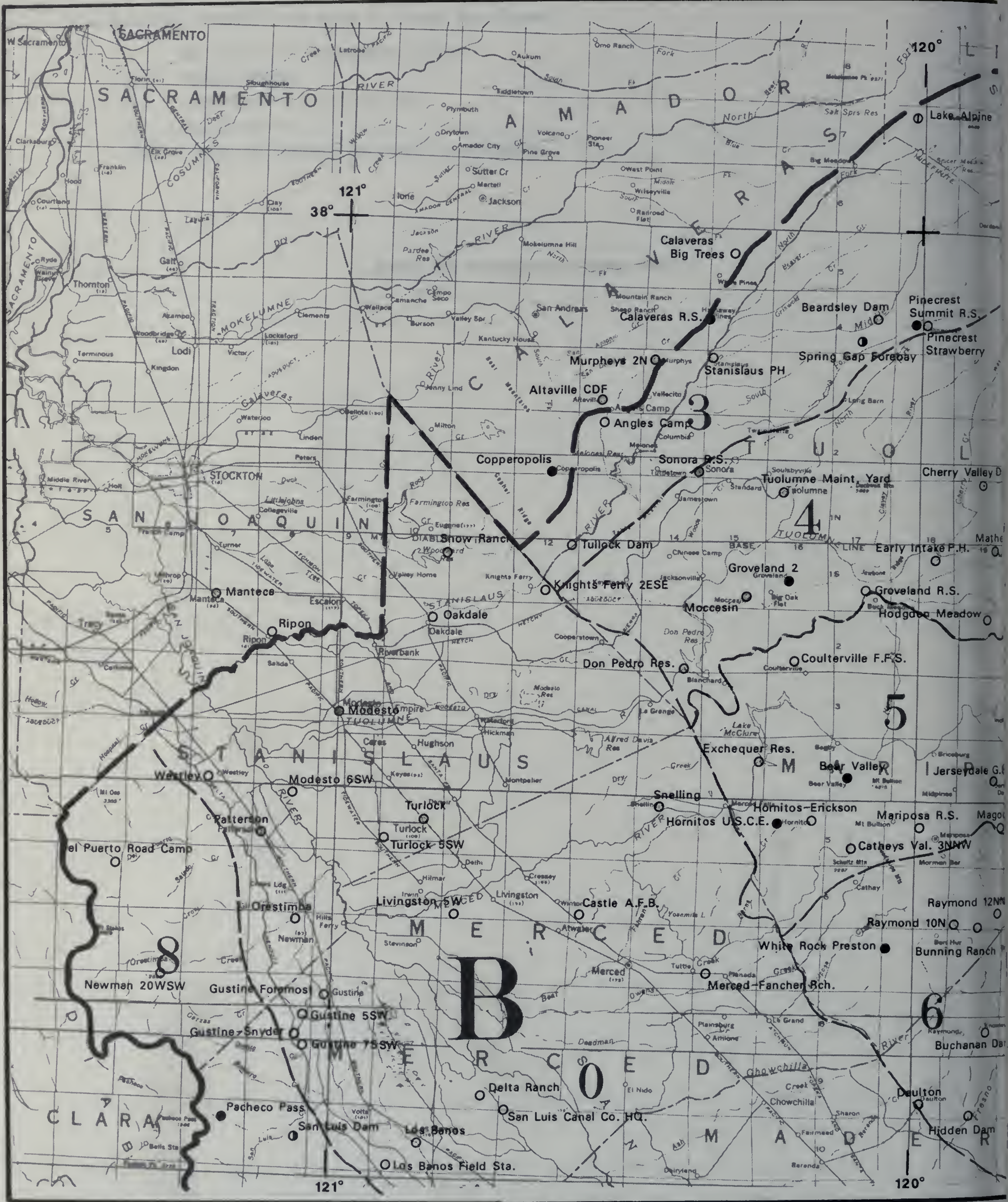

SACRAMENTO
AMADOR
CALAVERAS
SAN JOAQUIN
STANISLAUS
TUOLUMNE
MARIPOSA
MERCED
MADERA
CLARA
121°
38°
120°
3
4
5
6
8
B
Lake Alpine
Calaveras Big Trees
Calaveras R.S.
Beardsley Dam
Pinecrest Summit R.S.
Pinecrest Strawberry
Spring Gap Forebay
Murpheys 2N
Stanislaus PH
Altaville CDF
Angles Camp
Copperopolis
Sonora R.S.
Tuolumne Maint. Yard
Cherry Valley D
Show Ranch
Tullock Dam
Early Intake P.H.
Knights Ferry 2ESE
Groveland 2
Groveland R.S.
Moccesin
Hodgdon Meadow
Mantece
Ripon
Oakdale
Coulterville F.F.S.
Don Pedro Res.
Modesto
Exchequer Res.
Bear Valley
Jerseydale G.
Westley
Modesto 6SW
Snelling
Hornitos-Erickson
Hornitos U.S.C.E.
Mariposa R.S.
Turlock
Turlock 5SW
Patterson
Del Puerto Road Camp
Catheys Val. 3NNW
Livingston 5W
Castle A.F.B.
Orestimba
Raymond 12NN
Raymond 10N
White Rock Preston
Bunning Ranch
Newman 20WSW
Gustine Foremost
Gustine 5SW
Gustine-Snyder
Gustine 7SSW
Merced-Fancher Rch.
Buchanan Dam
Delta Ranch
San Luis Canal Co. HQ.
Pacheco Pass
San Luis Dam
Los Banos
Daulton
Hidden Dam
Los Banos Field Sta.

Figure 3 LOCATION OF CLIMATOLOGICAL STATIONS

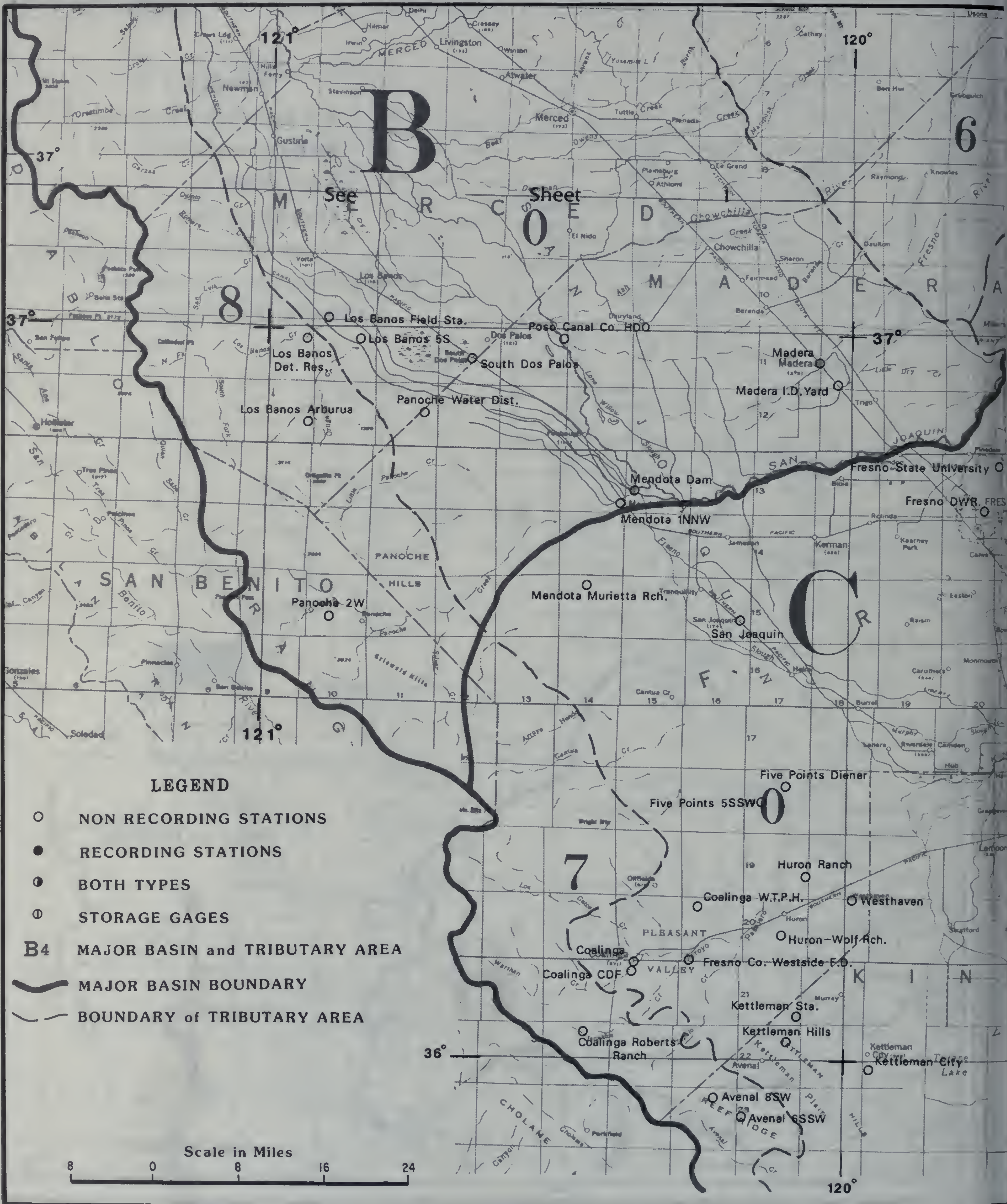

B
See Sheet 0
C
0
6
7
8
M E R C E D
M A D E R A
S A N B E N I T O
F R E S N O
K I N
PANOCHE HILLS
PLEASANT VALLEY
KETTLEMAN HILLS
REEF RIDGE
CHOLAME
121°
120°
37°
36°
Los Banos Field Sta.
Los Banos 5S
Los Banos Det. Res.
Los Banos Arburua
Poso Canal Co. HDQ
South Dos Palos
Panoche Water Dist.
Madera
Madera I.D. Yard
Mendota Dam
Mendota 1NNW
Fresno State University
Fresno DWR
Mendota Murietta Rch.
San Joaquin
Panoche 2W
Five Points Diener
Five Points 5SSW
Huron Ranch
Coalinga W.T.P.H.
Westhaven
Huron-Wolf Rch.
Coalinga
Coalinga CDF
Fresno Co. Westside F.D.
Kettleman Sta.
Kettleman Hills
Coalinga Roberts Ranch
Kettleman City
Avenal 8SW
Avenal 6SSW
Merced
Chowchilla
Newman
Livingston
Atwater
Dos Palos
Kerman
Hollister
Tulare Lake
LEGEND
NON RECORDING STATIONS
RECORDING STATIONS
BOTH TYPES
STORAGE GAGES
B4 MAJOR BASIN and TRIBUTARY AREA
MAJOR BASIN BOUNDARY
BOUNDARY of TRIBUTARY AREA
Scale in Miles
8 0 8 16 24

Figure 3 LOCATION OF CLIMATOLOGICAL STATIONS


120°
King City
San Lucas
San Ardo
Jolon
Lockwood
Bradley
San Miguel
Estrella
Paso Robles
Templeton
Atascadero
Creston
Shandon
Cholame
Parkfield
Priest Valley
Coalinga
Huron
Westhaven
Stratford
Murray
Kettleman City
Tulare Lake
Avenal
Santa Margarita
Pozo
La Panza
PLEASANT
VALLEY
RIDGE
VALLEY
CHOLAME
HILLS
KETTLEMAN
Plain
REEF
See Sheet 2
36°
Avenal 6SSW
Avenal Orchard Ranch
Devils Den SLF
Blackwells Corner 2WNW
Lost Hills
North Bel
South Beln
Cholame-Twisselman
S A N L U I S O B I S P O
R A N G E
Salinas River
San Antonio River
Nacimiento
Salinas Res
Soda Lake
K I N
C
7
0
21
22
23
24
25
26
27
28
29
30
1
2
3
KEY TO SHEETS
N
LEGEND
NON RECORDING STATIONS
RECORDING STATIONS
BOTH TYPES
STORAGE GAGES
B4 MAJOR BASIN and TRIBUTARY AREA
MAJOR BASIN BOUNDARY
BOUNDARY of TRIBUTARY AREA
Scale in Miles
8
0
8
16
24

Figure 3 LOCATION OF CLIMATOLOGICAL STATIONS

TABLE A-1

MONTHLY PRECIPITATION
SAN JOAQUIN VALLEY
Volume IV
Water Year 1985

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	PRECIPITATION IN INCHES 1984 TOTAL	OCT	NOV	DEC	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
B09B1	B20014900	38 05	120 33	1,545	Altaville CDF nr Angels Camp	22.13	2.52	7.46	1.97	1.18	2.99	4.71	.06	.00	.36	.00	.14	.74
B09B1	B30020900	38 04	120 32	1,535	Angels Camp	27.16	2.89	9.01	1.95	1.45	4.00	6.24	.09	.00	.24	.00	.15	1.14
C01X0	C00033250	35 12	118 46	510	Arvin-Edison	7.47	.06	1.57	1.29	1.18	1.15	.98	.00	.23	.38	.03	.00	.60
C01X0	C00033200	35 12	118 49	445	Arvin	5.43	.00	1.11	1.09	.80	.74	.75	.01	.20	.30	.00	.00	.43
C04B2	C20034300	36 29	118 49	1,708	Ash Mountain	23.62	1.91	6.77	2.94	2.11	2.90	5.30	.21	.03	.12	.25	.00	1.08
C04B2	C20037400	36 28	118 40	6,400	Atwell Mill	37.40	3.70	9.50	4.10	2.80	4.00	9.00	.70	.20	.70	.60	.20	1.90
B14A1	B70037900	37 05	119 30	2,140	Auberry 1NW	18.72	1.49	5.20	2.88	1.02	1.97	4.69	.64	.01	.09	.05	.01	.67
C01P0	C00039900	35 48	120 05	712	Avenal Orchard Rch	6.65	.47	1.45	2.07	.39	.42	1.15	.05	.00	.40	.00	.07	.18
C02C0	C70039901	35 57	120 13	1,424	Avenal 8 SW	10.32	1.01	2.56	2.69	.20	.74	2.42	.14	.00	.08	.00	.08	.40
C02C0	C70039902	35 55	120 10	1,565	Avenal 6 SSW	9.79	1.90	2.17	2.17	.35	.74	1.68	.10	.00	.44	.00	.07	.17
C04A1	C20042200	36 38	119 01	3,030	Badger	---	1.00	5.30	2.80	1.80	2.50	7.30	---	.10	.10	.10	.10	1.10
C01V0	C00044200	35 25	119 02	494	Bakersfield WB AP	4.25	.13	1.01	.95	.38	.48	.48	.00	.14	.44	.00	.00	.24
C03B3	C10044900	36 54	119 05	1,720	Balch Power House	20.43	1.14	5.49	2.16	1.38	2.85	5.50	.27	.00	.10	.13	.00	1.41
B13C1	B60094450	37 24	119 37	3,100	Batterson Ranger Station	23.40	2.01	7.04	2.42	.45	3.07	6.29	.79	.00	.22	.00	.05	1.06
B1200	B50057080	37 34	120 07	2,600	Bear Valley	15.98	1.38	5.16	.00	2.93	3.47	3.04	.00	.00	.00	.00	.00	.00
B09E1	B30057300	38 12	120 04	3,164	Beardsley Dam	31.59	3.97	10.28	2.58	1.52	3.13	5.84	.86	.07	.28	.30	.12	2.64
C04B2	C20059600	36 41	118 52	6,800	Beartrap Meadow	34.80	1.80	10.80	1.40	4.20	3.20	10.80	.10	.20	.30	.10	.00	1.90
B14E1	B70075500	37 12	119 14	4,930	Big Creek Power House 1	---	1.94	7.63	2.20	1.56	2.37	5.72	---	---	---	---	---	---
B14C0	B70075502	37 08	119 23	1,400	Big Creek Power House 3	---	1.26	5.15	2.46	.95	1.86	4.40	---	---	---	---	---	---
B14C0	B70075505	37 12	119 20	2,260	Big Creek Power House 8	---	---	5.83	2.20	1.45	1.72	4.69	---	---	---	---	---	---
C05D0	C00087500	35 37	119 53	710	Blackwells Corner 2WNW	6.46	.45	1.60	2.45	.33	.17	.32	.00	.00	.63	.00	.00	.51
C03A0	C10088080	36 57	119 26	1,050	Blasingame	12.23	1.04	3.11	1.28	.96	1.87	3.38	.42	.00	.17	.00	.00	.00
B13A2	B60115110	37 12	119 58	540	Buchanan Dam	11.65	1.52	3.03	1.72	.70	1.62	2.11	.61	.00	.34	.00	.00	.00
C01V0	C00117500	35 11	119 11	290	Buena Vista Ranch M + L	4.81	.05	1.48	1.29	.87	.28	.38	.01	.01	.08	.00	.00	.36
C01V0	C00117580	35 14	119 18	290	Buena Vista Ranch M + L2	4.63	.05	1.40	1.34	.71	.34	.58	.00	.01	.03	.00	.00	.17
B13A1	B60118822	37 22	119 53	1,520	Bunning Ranch	21.80	2.80	5.70	1.80	1.00	3.50	5.50	.80	.10	.10	.00	.00	.50
C01R0	C00124400	35 24	119 28	268	Buttonwillow	4.85E	.18	1.13	1.61	.50E	.26	.26	.00E	.00	.42	.00	.00	.49
B09D0	B20127700	38 17	120 19	4,696	Calaveras Big Trees	41.40	4.61	12.59	2.89	2.15	5.29	9.24	1.09	.00	.90	.33	.15	2.16
B09D0	B30128000	38 11	120 21	3,343	Calaveras Ranger Station	37.61	4.82	11.14	2.36	1.95	4.64	9.02	.37	.00	.83	.30	.14	2.04
B08H0	B00158000	37 22	120 34	170	Castle A F B	9.40	1.41	2.35	1.60	.54	.81	2.33	.05	.00	.29	.00	.02	.00
B1200	B50158803	37 28	120 06	1,250	Catheys Valley 3NNW	16.50	2.10	5.45	2.15	.80	1.15	4.45	.40	.00	.00	.00	.00	.00
B10D1	B40169700	37 58	119 55	4,765	Cherry Valley Dam	38.01	4.28	11.82	2.20	1.15	5.20	9.56	1.12	.00	.29	.20	.16	2.03
C01Q0	C70174302	35 35	120 07	1,675	Cholame Twisselman	8.09	.39	1.33	2.44	1.00	.52	1.85	.10	.00	.10	.00	.15	.21
C07C0	C60175400	34 48	119 01	5,260	Chuchupate Ranger Station	---	.10	2.60	3.60	1.20	.40	1.40	---	.20	.20	.00E	.00	.60
C01P0	C00186400	36 09	120 21	671	Coalinga	5.75	.35	1.20	1.76	.25	.05	1.27	.24	.00	.00	.00	.23	.40
C02B0	C70186402	36 02	120 26	1,350	Coalinga Roberts Ranch	9.36	.60	2.38	3.10	.07	.56	2.28	.09	.00	.09	.00	.06	.13
C01A0	C00186430	36 12	120 14	528	Coalinga Water Treatment PH	5.92	.48	1.05	2.17	.72	.08	.85	.00	.00	.00	.00	.47	.10
C01P0	C00187080	36 08	120 22	690	Coalinga CDF	5.33	.19	1.29	1.83	.28	.05	1.25	.02	.00	.00	.00	.00	.42
B13C1	B60187800	37 16	119 42	2,363	Coarsegold	19.94	1.55	5.82	2.37	.87	2.78	5.05	.70	.00	.22	.00	.05	.53
B09B2	B30200300	37 59	120 38	1,000	Copperopolis	16.75	2.09	6.86	1.62	.73	.67	4.78	.00	.00	.00	.00	.00	.00
C01M0	C00201200	36 05	119 34	200	Corcoran Irrigation Dist.	5.54	.38	2.38	1.37	.31	.29	.71	.09	.00	.01	.00	.00	.00
C01M0	C00201300	36 02	119 38	185	Corcoran El Rico 1	5.54	.51	1.35	1.92	.40	.27	.64	.33	.00	.00	.00	.00	.12
B11B1	B50207200	37 43	120 12	1,870	Coulterville FFS	22.09	3.06	5.90	1.46	1.14	2.65	7.00	.16	.00	.40	.00	.00	.32
B14B1	B70212200	37 17	119 31	3,440	Crane Valley PH	28.05	2.28	8.88	2.61	1.10	3.69	7.42	.72	.00	.10	.00	.00	1.25
B08M0	B60228800	37 07	119 59	410	Daulton	12.29	1.19	3.21	2.21	.79	1.06	2.50	.41	.00	.51	.00	.00	.41
C01T0	C00234600	35 46	119 14	323	Delano	5.53	.52	1.26	1.28	.39	.43	.60	.00	.00	.00	.00	.00	1.05
C01L0	C00234601	35 48	119 11	394	Delano Govt Camp	6.98E	1.16	1.45	1.50E	.55E	.30	.88	.00	.00	.05	.00	.00	1.09
C01V0	C00235550	35 15	119 00	345	Del Kern Station	5.43	.04	1.45	1.27	.76	.56	.61	.03	.17	.20	.00	.00	.34
B07A0	B80236900	37 25	121 22	1,125	Del Puerto Road Camp	13.03	1.55	4.04	1.42	.93	1.40	3.23	.23	.00	.09	.00	.00	.14
B06B0	B00237500	37 07	120 44	90	Delta Ranch	5.88	.90	1.69	1.15	.32	.44	1.30	.08	.00	.00	.00	.00	.00
C01P0	C00240800	35 45	119 58	500	Devils Den SLF	5.67	.55	1.21	1.94	.28	.00	.64	.02	.00	1.00	.00	.00	.03
C01F0	C00244001	36 32	119 23	334	Dinuba Alta I D	8.97	.65	2.34	2.21	.94	1.03	1.35	.12	.00	.21	.09	.00	.03
B10B1	B40247300	37 43	120 24	700	Don Pedro Reservoir	17.65	2.53	4.74	1.71	1.39	2.13	4.40	.07	.00	.30	.00	.00	.38
C05A1	C30259100	35 59	118 39	6,650	Eagle Creek	31.30	2.30	8.50	4.10	2.30	3.40	7.90	.60	.40	.90	.00	.00	.90
B10E0	B40260900	37 52	119 57	2,356	Early Intake Power House	27.24	3.04	8.43	1.86	1.22	3.01	6.93	.87	.00	.09	.39	.10	1.30
B11B1	B50292000	37 35	120 16	484	Exchequer Reservoir	14.62	2.09	4.00	1.18	.96	1.56	4.04	.12	.00	.40	.00	.00	.27
C01K0	C00292200	36 21	119 05	439	Exeter Fauver Ranch	9.09	.66	2.12	1.69	1.07	1.42	1.20	.03	.00	.01	.07	.00	.82
C01W0	C70300500	35 10	119 32	1,340	Fellows	5.66	.21	1.19	1.92	.77	.43	.32	.00	.00	.45	.00	.00	.37
C01A0	C00308300	36 21	120 09	276	Five Points 5 SSW	4.73E	.47	1.02	1.76	.48	.00	.95	.00	.00	.05	.00E	.00	.00
C01A0	C00308400	36 22	120 06	263	Five Points Diener	5.94	.68	1.28	1.71	.53	.16	.86	.03	.00	.27	.00	.32	.10
B14D0	B70309300	37 16	118 58	7,345	Florence Lake	---	1.60	5.00	1.40	1.10	1.30	3.80	---	---	---	---	---	---
C05C0	C00320700	35 53	118 55	800	Fountain Spring F.S.	7.88	.33	1.62	2.22	.67	.61	1.39	.08	.05	.02	.00	.00	.89
C01P0	C00325880	36 08	120 16	600	Fresno Co Westside FD	4.90	.34	.84	1.74	.41	.03	.77	.06	.00	.00	.00	.31	.40
C01C0	C00325730	36 47	119 46	313	Fresno DWR	8.35	.88	1.95	2.11	.47	.77	1.36	.10	.00	.35	.00	.00	.36
C01C0	C00325715	36 49	119 44	340	Fresno State University	9.36	.84	2.11	2.18	.73	.98	1.70	.10	.00	.34	.00	.00	.38
C01C0	C00325700	36 46	119 43	331	Fresno WB AP	8.43	.70	1.94	1.98	.43	.71	1.73	.12	.00	.33	.04	.02	.43
B08M0	B70326100	36 59	119 43	410	Friant Government CP	10.44	.86	2.49	1.94	.89	1.09	2.12	.33	.00	.17	.00	.01	.54
B14A1	B70326105	37 03	119 38	1,009	Friant Stillwell	12.89	1.08	3.25	2.24	.68	1.90	2.46	.62	.00	.16	.00	.00	.50
C04B2	C20339700	36 34	118 46	6,412	Giant Forest	39.80	2.60	11.00	4.60	3.00	4.20	10.60	.90	.00	.60	.20	.30	1.80
C01V0	C00342801	35 09	119 14	295	Gin Yard	5.17	.04	1.49	1.32	.83	.41	.88	.04	.01	.05	.00	.00	.10
C05E0	C40346300	35 43	118 42	3,140	Glennville	15.27	1.39	3.64	1.77	.96	2.62	3.64	.13	.02	.44	.00	.00	.66
C05E0	C40346500	35 44	118 40	3,500	Glennville Fulton RS	---	1.60	4.00	2.20	1.20	3.20	4.10	.10	.00	.90	.00	.10E	---
C03B4	C10355100	36 44	118 57	6,580	Grant Grove	29.99	1.72	7.93	3.69	2.05	2.93	9.42	.52	.05	.13	.10	.00	1.45
C01X0	C00360520	35 06	119 11	383	Greenlee Pasture	7.81	.02	2.09	2.09	1.18	.81	1.37	.02	.00	.04	.00	.00	.19
B10C0	B40367200	37 49	120 06	3,135	Groveland Ranger Station	26.13E	3.23	8.53	2.07	1.08	2.80E	6.96	.69	.00	.18	.03	.10	.46
B10C0	B40366900	37 50	120 14	2,825	Groveland 2	27.45E	2.56	9.05E	2.14	1.35	3.31	7.64	.25	.00	.36	.00	.08E	.71
B06B0	B00369002	37 13	121 02	145	Gustine 5 SW	7.44	.80	2.51	1.19	.58	.47	1.47	.16	.05	.07	.02	.00	.12
B06B0	B00369004	37 12	121 03	150	Gustine Snyder	7.32	.70	2.56	1.18	.60	.52	1.45	.16	.00	.02	.00	.00	.13
B06B0	B00369400	37 15	120 59	98	Gustine Foremost	7.01	.83	2.55	1.36	.45	.44	1.11	.10	.00	.09	.01	.00	.07
B06B0	B00369880	37 10	121 01	156	Gustine 7 SSW	8.04	.84	2.74	1.31	.65	.50	1.65	.13	.00	.05	.00	.00	.17
C01J0	C00374700	36 20	119 40	242	Hanford	---	.00E	.00E	1.57	---	.00E	.70	.12	.00	.00	.05	.00	.00
C01J0	C00374900	36 18	119 39	245	Hanford Refinery	---	.00	.00	1.57	---	.00	.70	.12	.00	.00	.05	.00	.00
B10E0	B40393900	37 56	119 46	3,870	Hetch Hetchy	27.85	4.13	8.42	1.49	1.06	2.83	6.40	1.00	.06	.30	.17	.08	1.91
B13C1	B60394350	37 06	119 53	440	Hidden Dam	10.53	1.14	2.50	1.62	.79	.95	2.22	.63	.00	.35	.00	.00	.33
C04B4	C20401200	36 22	118 39	8,500	Hockett Meadow	38.70	4.40	9.40	4.90	2.60	4.70	9.80	.40	.40	.40	.30	.00	1.40

TABLE A-1 (CONTINUED)

MONTHLY PRECIPITATION
SAN JOAQUIN VALLEY
Volume IV
Water Year 1985

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	PRECIPITATION IN INCHES TOTAL	1984 OCT	NOV	DEC	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
B10G0	B40401500	37 48	119 52	4,640	Hodgdon Meadow	40.13	4.99	11.57	2.70	1.32	4.08	12.51	1.00	.00	.14	.43	.15	1.24
B1200	B50410201	37 30	120 09	1,150	Hornitos Erickson Ranch	15.94	2.04	4.68	1.58	.74	2.00	3.88	.32	.00	.27	.00	.05	.38
B1200	B50410480	37 30	120 14	850	Hornitos USCE	13.73	1.14	4.97	1.20	.70	1.67	3.54	.10	.00	.41	.00	.00	.00
C05A2	C30412000	36 11	118 37	7,100	Hossack (Radio)	40.10	3.60	10.70	5.00	4.30	3.80	11.00	.50	.10	.40	.00	.00	.70
B14E1	B70417600	37 13	119 13	7,020	Huntington Lake	33.00	2.90	9.70	3.40	2.20	3.40	8.00	.70	.10	.50	.50	.00	1.60
C01A0	C00418800	36 16	120 06	335	Huron Ranch	6.13	.45	1.73	1.96	.60	.20	.72	.00	.00	.00	.00	.32	.15
C01A0	C00418820	36 11	120 07	400	Huron Wolf Ranch	4.58	1.33	.82	1.80	.47	.00	.16	.00	.00	.00	.00	.00	.00
C06B1	C50430300	35 38	118 28	2,660	Isabella Dam	---	.62	2.92	1.93	.68	1.16	1.71	.03	.00	.00	---	---	---
C01K0	C00431205	36 24	119 12	370	Ivanhoe Irrigation District	9.55	.69	2.51	2.07	1.00	1.49	1.30	.10	.00	.03	.02	.00	.34
B13A1	B50436900	37 32	119 50	3,605	Jerseydale G S	29.44	2.79	9.43	2.21	1.41	3.62	7.83	.99	.00	.19	.00	.02	.95
C07A0	C60446300	35 13	118 33	2,575	Keene	12.86	.27	3.08	2.30	1.50	1.06	2.59	.08	.32	.97	.00	.00	.69
C01U0	C50451300	35 26	118 47	700	Kern Canyon	---	.24	1.84	1.63	.70	.89	1.05	---	---	---	---	---	---
C06B2	C50451900	35 56	118 28	3,642	Kern River 3 Intake SCE	---	1.02	4.92	.40	.40	1.55	3.55	---	---	---	---	---	---
C06A0	C50452000	35 27	118 46	970	Kern River PH No 1	9.44	.33	2.03	1.79	.75	1.04	1.42	.05	.10	.55	.00	.00	1.38
C06B2	C50452300	35 46	118 26	2,703	Kern River PH No 3	11.00	.68	3.54	1.87	.59	1.47	2.63	.00	.00	.00	.04	.00	.18
C01N0	C00453400	35 59	119 57	310	Kettleman City	6.47	.70	1.49	2.51	.65	.00	.96	.12	.00	.03	.00	.01	.00
C01P0	C00453500	36 02	120 06	1,255	Kettleman Hills	3.65	.50	1.38	.30	.00	.62	.85	.00	.00	.00	.00	.00	.00
C01P0	C00453600	36 04	120 05	508	Kettleman Station	5.49E	.00	1.13	1.58	.80	.05	.70	.06	.03	.00	.00E	.00	1.14
C01G0	C00456407	36 31	119 33	301	Kingsburg	7.83	.70	1.76	1.73	.99	.87	1.41	.17	.00	.20	.00	.00	.00
B08D0	B00459000	37 47	120 38	315	Knights Ferry 2 ESE	14.14	1.81	3.94	1.86	1.02	1.73	2.55	.28	.00	.46	.00	.02	.47
C07C0	C60486300	34 49	118 51	3,585	Lebec	6.89	.10E	1.70	1.76	.92	.36	1.27	.12	.17	.29	.01	.00	.28
C01K0	C20489000	36 23	119 01	513	Lemon Cove	12.04	1.04	2.90	1.86	1.41	1.48	2.41	.11	.03	.04	.05	.00	.71
C01K0	C00495700	36 11	119 04	395	Lindsay	9.35	.51	2.01	1.83	1.27	1.09	1.68	.07	.38	.01	.00	.00	.50
B08H0	B00499903	37 22	120 47	112	Livingston 5 W	7.34	.02	2.50	1.65	.47	.60	1.59	.22	.00	.19	.00	.01	.09
C04B2	C20502600	36 36	118 44	6,735	Lodgepole	40.97	2.04	10.89	4.77	3.82	6.04	9.94	.12	.15	.37	.72	.00	2.11
C07A0	C60509800	35 18	118 26	2,720	Loraine	---	---	---	---	---	---	---	---	.00	.50	.00	.00	---
B06B0	B00511600	36 59	120 50	175	Los Banos 5 S	5.67	.54	1.75	1.40	.56	.28	1.01	.00	.00	.12	.00	.00	.01
B06B0	B00511700	37 00	120 53	160	Los Banos Field Station	5.78	.64	1.80	1.49	.41	.30	1.01	.02	.00	.09	.00	.00	.02
B06B0	B00511800	37 03	120 51	125	Los Banos	7.04	.71	2.53	1.58	.56	.35	1.13	.05	.00	.12	.00	.00	.01
B07D1	B80511900	36 52	120 56	860	Los Banos Arburua	7.45	.74	2.64	1.24	.62	.38	1.65	.04	.00	.08	.02	.00	.04
B06B0	B80512000	37 01	120 56	407	Los Banos Det Res	5.59	.63	1.71	1.19	.47	.30	1.18	.03	.00	.08	.00	.00	.00
C01Q0	C00515100	35 37	119 41	285	Lost Hills	3.85E	.21	.93E	1.56E	.38	.01	.30	.01	.00	.25	.00	.00E	.20E
C01Q0	C00515130	35 36	119 41	312	Lost Hills DWR	4.64	.38	1.14	2.04	.51	.05	.40	.01	.00	.00	.00	.00	.11
B08L0	B00523300	36 58	120 04	268	Madera	9.4	.87	2.37	2.12	.59	.71	1.65	.52	.00	.34	.00	.12	.11
B08L0	B00523303	36 55	120 01	270	Madera ID Yard	8.75	.75	2.08	2.17	.61	.47	1.58	.57	.00	.24	.08	.09	.11
B13A1	B50525670	37 31	119 50	270	Magoon	24.30	2.60	7.60	.20	1.20	3.50	7.40	.90	.00	.20	.00	.00	.70
C01X0	C00525700	35 21	118 55	440	Magunden	5.65	.18	1.12	1.23	.69	.45	.68	.00	.23	.45	.00	.00	.62
B08A0	B00530300	37 48	121 12	40	Manteca	10.60	1.47	3.94	1.95	.50	.00	2.08	.21	.00	.23	.00	.00	.22
C01W0	C70533800	35 04	118 22	680	Maricopa	6.35	.00	1.63	.86	.71	1.21	.99	.10	.03	.42	.00	.00	.40
C01W0	C70533801	35 04	119 24	885	Maricopa FS	7.09	.05	1.47	2.28	1.05	.42	.90	.11	.00	.10	.00	.00	.71
C01X0	C00533830	35 06	119 22	509	Maricopa 3NE	6.07	.01	1.33	1.89	.96	.51	1.02	.00	.00	.30	.00	.00	.05
C01X0	C00533860	35 03	119 14	594	Maricopa 9E	6.56	.00	1.26	1.89	1.69	.67	.75	.03	.00	.19	.00	.00	.08
B1200	B50535200	37 30	119 59	2,100	Mariposa Ranger Station	23.79	3.05	6.89	1.66	.84	3.64	5.15	.73	.00	.25	.00	.05	1.53
B10E0	B40540000	37 53	119 51	4,518	Mather	26.47	3.31	8.12	1.77	.98	3.07	5.97	1.03	.00	.15	.00	.14	1.93
C01Q0	C70548001	35 18	119 37	1,051	McKittrick FS	5.96E	.20	1.66	2.13	.65	.27	.43	.02	.00	.00	.60	.00E	---
B06B0	B00552600	36 46	120 23	172	Mendota 1 NNW	6.04	.55	1.05	2.67	.60	.10	.61	.09	.00	.29	.02	.03	.03
B06B0	B00552800	36 47	120 22	166	Mendota Dam	5.72	.55	1.05	2.67	.60	.09	.62	.14	.00	.00	.00	.00	.00
C01A0	C00552604	36 39	120 27	261	Mendota Murietta Ranch	5.57	.19	1.07	2.25	.73	.19	1.14	.00	.00	.00	.00	.00	.00
B08H0	B00553400	37 17	120 21	212	Merced Fancher Ranch	9.34	1.46	2.14	1.70	.51	.87	1.89	.09	.00	.45	.00	.10	.13
C07C0	C60566905	34 51	119 11	5,800	Mil Potrero	1.31	.05	.56	.00	.00	.02	.05	.07	.00	.02	.04	.00	.50
C05A1	C30566900	36 17	118 46	3,400	Milo 5 NE	28.10	3.30	7.60	3.70	3.40	4.10	4.30	.30	.00	.50	.00	.00	.90
C04A1	C20570800	36 40	119 05	3,005	Miramonte Honor Camp	33.67	1.13	6.56	9.90	1.70	3.25	9.03	.20	.40	.40	1.10	.00	.00
B10B1	B40573500	37 48	120 18	950	Moccasin	23.60	2.39	6.36	1.81	.78	2.42	7.48	.14	.00	1.01	.00	.07	1.14
B08C0	B00573800	37 38	121 00	91	Modesto	11.22	1.94	3.05	1.63	.46	.55	2.82	.53	.00	.17	.00	.00	.07
B08E0	B00573835	37 32	121 04	50	Modesto 6SW	10.14	1.29	3.29	1.33	.62	.50	1.46	.37	.00	.07	.00	.06	.15
C05A1	C30588700	36 14	118 42	5,360	Mountain Home 2	35.70	2.40	8.40	4.30	3.20	5.80	9.10	.70	.00	.60	.00	.20	1.00
B14C0	B70589300	37 03	119 22	4,100	Mountain Rest FFS	19.02	2.09	6.18	2.65	1.35	3.11	2.40	.61	.00	.10	.05	.00	.48
B09B1	B30603903	38 09	120 28	1,880	Murphys 2 N	29.16	3.85	8.76	2.26	1.87	3.65	6.93	.16	.00	.26	.00	.07	1.35
B07B0	B00616805	37 16	121 18	2,300	Newman 20 WSW	---	---	2.59	1.28	1.32	.38	1.19	.20	---	---	.00	.00	.25
C01Q0	C00623050	35 33	119 47	630	North Belridge	---	.00	.00	1.97	.29	.03	---	---	---	---	---	---	---
B14B1	B70625200	37 13	119 30	2,630	North Fork Ranger Station	23.90	1.94	7.33	2.90	1.19	3.27	6.27	.66	.00	.10	.02	.00	.22
B08C0	B00630300	37 46	120 50	155	Oakdale	14.40	2.24	3.98	1.98	.72	1.29	3.14	.26	.00	.37	.00	.19	.23
B13C1	B60632180	37 19	119 38	2,250	Oakhurst	25.24	1.75	7.19	1.63	1.01	5.24	6.26	.79	.00	.20	.00	.00	1.17
C01E0	C00647600	36 37	119 18	431	Orange Cove	---	.76	2.84	---	---	---	---	---	---	---	.00	.00	.43
B06A0	B00649000	37 21	121 03	110	Orestimba	6.72E	.60	2.47	.73	.88	.53	1.28	.00	.00	.10E	.00	.00	.13
B07C1	B80658300	37 04	121 11	850	Pacheco Pass	11.59	1.25	3.83	1.52	.47	.93	3.12	.23	.14	.09	.00	.00	.01
C01V0	C00665100	35 10	119 11	290	Paloma Ranch	5.29	.02	1.68	1.35	.81	.45	.69	.00	.03	.10	.00	.00	.16
B07D1	B80667600	36 36	120 52	1,320	Panoche 2W	6.53	.34	1.73	2.02	.38	.53	1.28	.15	.00	.02	.00	.00	.08
B06B0	B00667905	36 53	120 43	183	Panoche Water Dist	7.14	.74	1.86	1.95	.80	.19	1.40	.20	.00	.00	.00	.00	.00
C06B3	C50672354	35 58	118 21	9,130	Pascoes	32.10	1.70	9.80	4.30	2.30	3.30	8.60	.30	.10	.40	.60	.10	.60
B06A0	B00674601	37 28	121 07	100	Patterson	8.71	.89	3.08	1.04	.72	.48	1.86	.29	.03	.11	.00	.00	.21
C07C0	C60675400	34 56	119 22	3,868	Pattiway	10.20	.14	2.43	3.45	1.73	.71	1.14	.12	.00	.00	.00	.00	.48
B10C0	B30689301	38 11	119 59	5,620	Pinecrest Strawberry	---	3.45	8.85	1.90	---	---	7.37	---	---	---	---	---	---
B09C0	B30689300	38 12	119 59	5,600	Pinecrest Summit RS	34.10	3.80	11.12	2.10	1.37	2.64	8.69	1.03	.10	.15	.00	.00	3.10
C01E0	C10689600	36 49	119 19	615	Pine Flat Dam	16.14	1.13	4.24	2.90	.82	2.25	3.56	.14	.00	.00	.05	.00	1.05
C03C0	C10690200	36 41	119 00	4,050	Pinehurst	23.11	1.16	6.31	2.93	1.74	3.26	5.98	.16	.02	.16	.06	.00	1.33
C01L0	C00707700	36 03	119 01	393	Porterville	8.20	.58	1.90	1.81	.89	.58	1.52	.17	.05	.00	.00	.00	.70
C01L0	C00707900	36 04	119 04	413	Porterville 3 W	7.39	.52	1.94	1.49	.74	.76	1.27	.00	.00	.00	.00	.00	.67
C05E0	C40709600	35 48	118 38	4,920	Posey 3 E	22.45	.88	5.17	3.00	2.90	2.43	5.96	.45	.00	.97	.00	.00	.69
B06B0	B00709911	36 59	120 30	125	Poso Canal Co MDQ	---	.56	1.30	1.72	.48	.26	.79	.00	.00	---	.00	.00	.00
B13A1	B60727201	37 22	119 54	1,640	Raymond 10 N	20.97	2.63	5.50	1.76	1.00	3.28	5.48	.77	.00	.00	.00	.05	.50
B13A1	B60727600	37 23	119 50	1,600	Raymond 12 NNE	21.15	2.78	5.64	1.81	1.16	2.72	5.20	.62	.00	.24	.00	.10	.88
C01K0	C00728800	36 18	119 14	344	Rector	8.67	.57	1.99	1.52	1.11	1.10	1.86	.12	.00	.07	.01	.00	.32
C01F0	C00735480	36 37	119 27	345	Reedley MVFD	7.77	.46	2.85	2.36	.00	1.18	.61	.21	.00	.08	.02	.00	.00
B08A0	B00744780	37 44	121 07	65	Ripon	10.69	1.74	3.22	1.78	.66	.89	2.16	.10	.00	.14	.00	.00	.00
C05A1	C30752900	36 04	118 38	6,240	Rogers Camp	31.30	2.10	8.80	3.60	2.60	3.70	8.10	.50	.30	.40	.10	.10	1.00
C01G0	C00780002	36 43	119 32	375	Sanger 1 NE	10.25	.79	2.83	1.92	.94	1.21	2.08	.20	.00	.22	.06	.00	.00
C01G0	C00780003	36 43	119 33	375	Sanger Ranger Station	9.75	.68	2.51	1.91	1.10	1.06	2.04	.21	.00	.19	.05	.00	.00
C01H0	C00781600	36 36	120 11	174	San Joaquin	6.32	.52	.98	1.85	.99	.17	.88	.21	.01	.10	.00	.03	.58
B13B0	B70781700	37 06	119 44	1,100	San Joaquin Exp Range	12.17E	1.12E	2.31	1.86	.85	1.83	2.69	.32	.00	.27	.00	.00	.92

TABLE A-1 (CONTINUED)

MONTHLY PRECIPITATION
SAN JOAQUIN VALLEY
Volume IV
Water Year 1985

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	PRECIPITATION IN INCHES TOTAL	1984 OCT	NOV	DEC	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
B06B0	B80784600	37 03	121 04	277	San Luis Dam	7.61	.90	2.48	1.20	.97	.50	1.34	.10	.00	.12	.00	.00	.00
B06B0	B00785500	37 06	120 42	99	San Luis Canal Co Hq	---	.77	1.77	1.66	.41	.33	1.43	.11	.00	---	.00	.00	.00
B08J0	B00831600	37 31	120 26	259	Snelling	12.32	1.53	4.24	1.50	.79	.93	2.63	.18	.00	.52	.00	.00	.00
B03D0	B00832200	37 57	120 49	240	Snow Ranch	12.06	1.45	4.03	1.68	1.00	.90	2.29	.14	.00	.28	.00	.00	.29
B10B1	B40835300	37 59	120 23	1,745	Sonora Ranger Station	28.28	2.76	8.52	2.26	1.37	3.18	6.54	.73	.00	.23	.00	.09	2.60
C01Q0	C00837550	35 27	119 42	575	South Belridge	---	.33	.00	2.55	1.12	.00	---	---	---	---	---	---	---
B06B0	B00837800	36 57	120 38	116	South Dos Palos	7.10	.90	2.02	1.84	.60	.27	1.27	.00	.00	.20	.00	.00	.00
B11D0	B50838000	37 30	119 37	5,120	So Entrance Yosemite	23.03	2.53	7.49	1.73	.85	2.35	6.48	.29	.01	.27	.00	.00	1.03
B09C0	B30845000	38 10	120 06	3,000	Spring Gap Forebay	---	3.52	9.69	2.02	1.32	3.40	7.03	.00	.59	---	---	---	---
C05A1	C30846000	36 08	118 49	1,050	Springville Ranger Station	15.70	.70	4.10	2.00	1.50	1.90	2.80	.00	.30	.60	.00	.00	1.80
C05A2	C30846300	36 12	118 39	4,070	Springville Tule HDW	---	3.30	9.60	5.20E	3.30E	5.50	---	.41E	.40	.30	.10	.00	1.10
C03C0	C10847480	36 44	119 12	1,750	Squaw Valley Fr	16.83	1.13	4.74	2.06	1.02	2.54	4.03	.22	.00	.10	.04	.00	.95
B09B1	B30849900	38 08	120 22	1,130	Stanislaus Power House	26.70	3.39	8.42	2.40	1.36	2.35	6.76	.18	.00	.12	.00	.08	1.64
C05A1	C30862000	36 03	118 55	590	Success Dam	---	.60	2.47	1.55	1.00	.86	1.99	.06	.19	.01	---	---	---
C01W0	C70875200	35 09	119 28	1,025	Taft	---	.20E	1.53E	---	.82E	.30	.49	.27	.00	.25	.07	.00E	---
C01W0	C70875500	35 08	119 28	1,030	Taft KTKR Radio	5.49	.15	1.07	1.68	.86	.36	.64	.25	.02	.07	.00	.00	.39
C07A0	C60882600	35 08	118 27	3,975	Tehachapi	10.32	.31	1.91	3.25	1.17	1.09	1.37	.12	.10	.52	.00	.00	.48
C07A0	C60883200	35 08	118 27	3,975	Tehachapi Airport	---	.20	2.00	2.70	1.10	.90	.80	.00	.10	.50E	---	---	---
C07B0	C00883900	35 01	118 44	1,425	Tejon Rancho	9.70	.31	2.33	2.06	1.54	1.59	.31	.00	.18	.11	.00	.00	1.27
C01K0	C20886800	36 24	119 00	965	Terminus Dam	---	.92	3.02	1.90	1.54	1.69	2.53	.07	.02	.04	---	---	---
C04B2	C20891700	36 27	118 51	1,140	Three Rivers PH No 1	---	1.87	6.52	3.18	2.79	3.85	5.31	.25	---	.07	.06	.00	2.14
C04B4	C20891200	36 22	118 51	2,200	Three Rivers 6 SE	19.60	1.90	4.60	2.90	2.10	2.20	4.10	.20	.10	.20	.10	.00	1.20
C03A0	B70895100	37 01	119 24	1,970	Tollhouse	20.64	1.56	5.53	3.01	1.06	2.90	5.33	.40	.00	.20	.00	.00	.65
C03B1	C10902500	36 54	119 17	736	Trimmer R S	19.29	1.27	5.96	2.81	.60	2.70	5.64	.20	.00	.09	.02	.00	.00
C01K0	C00905100	36 13	119 20	293	Tulare	6.57	.42	1.84	1.51	.65	.65	1.14	.08	.05	.03	.01	.00	.19
C05A1	C30906000	36 08	118 47	1,240	Tule River Power House	---	.95	5.22	2.04	1.90	1.47	3.78	---	---	---	---	---	---
B09B2	B30906200	37 52	120 36	515	Tulloch Dam	17.91	1.91	6.13	1.92	1.15	2.13	3.72	.02	.00	.40	.00	.03	.50
B10B1	B40906290	37 57	120 13	2,690	Tuolumne Maint. Yard	27.34	3.38	8.14	2.06	1.53	3.30	7.31	.45	.00	.10	.00	.00	1.07
B08E0	B00907300	37 29	120 51	115	Turlock	8.68	1.13	2.78	1.71	.42	.54	1.54	.19	.00	.14	.00	.00	.23
B08E0	B00907301	37 27	120 54	76	Turlock 5 SW	8.82	1.12	2.43	1.58	.62	.43	1.88	.39	.00	.10	.00	.00	.27
C05B0	C30912000	35 53	118 39	3,680	UHL Ranger Station	23.10	2.20	6.10	2.40	2.40	2.80	5.50	.20	.20	.30	.00	.00	1.00
C01T0	C00914500	35 32	119 32	367	U S Cotton Field Station	5.40	.18	1.03	1.29	.56	.49	.41	.00	.02	.68	.00	.00	.74
C01L0	C00930400	35 50	119 05	500	Vestal	6.48	.38	2.36	1.30	.46	.40	.62	.00	.00	.00	.00	.00	.96
C01K0	C00936700	36 20	119 18	325	Visalia	8.59	.78	2.48	1.95	.92	1.19	1.10	.12	.00	.05	.00	.00	.00
C01T0	C00945200	35 35	119 19	333	Wasco	5.83	.33	1.02	1.23	.66	.42	.61	.00	.00	.80	.00	.00	.76
B11D0	B50948200	37 33	119 39	3,985	Wawona Ranger Station	---	---	13.18E	2.40	1.00	3.00	8.00	---	.00	.40	.00	.00	1.00
C06B2	C50951200	35 40	118 18	2,680	Weldon 1 WSW	6.90	.20	1.90	1.70	.60	1.00	1.30	.00	.00	.00	.00	.00	.20
C01A0	C00956000	36 13	119 59	285	Westhaven	4.39	.51	.98	1.29	.68	.11	.69	.00	.00	.02	.00	.00	.11
B06A0	B00956500	37 33	121 12	85	Westley	6.72	.76	2.05	1.10	.64	.41	1.15	.00	.00	.18	.00	.00	.43
C01X0	C00961420	35 00	118 56	957	Wheeler Ridge 1E	7.62	.00	1.65	1.54	1.41	.87	1.39	.15	.00	.05	.00	.00	.56
C01X0	C00961430	35 00	118 50	847	Wheeler Ridge 7ESE	8.24	.07	1.76	1.76	1.06	1.21	1.40	.16	.00	.03	.00	.00	.79
C01X0	C00961410	35 04	119 05	484	Wheeler Ridge-Maricopa WSD HDQ	6.85	.02	1.65	1.74	1.11	.65	1.12	.02	.00	.05	.00	.00	.49
B1200	B60964080	37 20	120 02	984	White Rock Preston	---	.87	4.55	1.70	.39	1.90	2.70	.44	---	---	---	---	---
C01X0	C00972460	35 01	118 58	814	Wind Gap	8.40	.10	1.86	1.60	1.47	.80	1.72	.00	.00	.08	.00	.00	.77
C03B3	C10974900	37 00	118 58	6,560	Wishon Lake	---	2.26	8.75	3.34	2.63	3.70	8.98	---	---	---	---	---	---
C05D0	C40980500	35 42	118 50	1,630	Woody	7.72	.00	1.62	1.50	.60	1.14	1.89	.00	.00	.09	.00	.00	.88
B11E0	B50985500	37 45	119 35	3,985	Yosemite National Park	30.06	3.12	11.26	1.33	1.14	2.93	5.50	.73	.00	.37	2.31	.00	1.37

TABLE A-2
STORAGE GAGE PRECIPITATION DATA

Storage gages are used to record seasonal precipitation in remote regions. They consist of tanks that store an entire year's precipitation and are read annually. Although logistics preclude conducting the measurement exactly at the end of the water year, the gages reasonably depict the total precipitation for the water year since precipitation during the summer months is negligible. In preparation for a new water year, the tanks are emptied, cleaned, and supplied with antifreeze and oil to prevent freezing and loss due to evaporation. Table A-2 lists the values from the storage gages. Locations of the storage gages are shown in Figure 3.

Counties in which storage gage stations are located are identified with the code listed below:

County	Code
Alpine	ALP
Fresno	FRE
Madera	MAD
Mariposa	MPA
Tulare	TUL
Tuolumne	TUO

TABLE A-2
STORAGE GAGE PRECIPITATION DATA
San Joaquin Valley

Station Name	Station Number	Areal Code	County	Lat.	Long.	Elev.	Measurement Period	Inches Precipitation
San Joaquin River Basin								
Stanislaus River B3								
Highland Lakes	B20 3952	B04C0	ALP	38-29-48	119-47-48	8700	07/18/84 to 08/15/85	24.00
Lake Alpine	B30 4664	B09D0	ALP	38-28-42	120-00-48	7500	07/18/84 to 08/14/85	44.90
Tuolumne River B4								
Tioga Pass	B40 8931	B10E0	TUO	37-54-39	119-15-30	10000	07/26/84 to 07/09/85	110.90
Merced River B5								
Ostrander Lake	B50 6552	B11E0	MPA	37-38-00	119-15-30	8600	09/09/84 to 09/19/85	51.00
Snow Flats	B50 8318	B11F0	MPA	37-54-24	119-21-15	3800	07/17/84 to 08/16/85	45.30
Tenaya Lake	B50 8858	B11F0	MPA	37-50-14	119-27-00	8150	07/25/84 to 07/09/85	135.10
San Joaquin River B7								
Chiquito Creek	B70 1737	B14D0	MAD	37-30-20	119-23-21	7290	07/19/84 to 08/21/85	26.90
Clover Meadow	B70 1844	B14D0	FRE	37-32	119-17	7002	07/19/84 to 08/21/85	38.45
Tulare Lake Basin								
Kings River C1								
Rattlesnake Creek	C10 7259	C03B4	FRE	36-59-	118-43-	9900		
Summit Meadow	C10 8643	C03B1	FRE	37-05-12	119-12-36	6240	07/16/84 to 08/21/85	37.10
Kern River C5								
Portuguese Meadow	C50 7093	C06B2	TUL	35-48-00	118-34-00	7000	08/07/84 to 08/20/85	38.30
Wet Meadow	C50 9602	C06B4	TUL	36-20-16	118-34-16	8950	09/12/84 to 09/13/85	32.50
Tulare Lake Basin - Westside C7								
Oilfields Joaquin Rdg.	C70 6395	C02B0	FRE	36-18-00	120-24-00	3620	07/25/84 to 09/26/85	8.88

APPENDIX B

SURFACE WATER MEASUREMENT

Index to Daily Mean Discharge Table

Station Name	Station Number	Map Page	Data Page
Bear Creek at McKee Road near Merced	B05525	82	60
Bear Creek at Merced Irrigation District West Boundary	B05518	82	61
Bear Creek below Bear Reservoir near Planada	B05570	82	59
Bear Creek below Eastside Canal near Crane Ranch	B05516	82	62
Burns Creek below Burns Dam near Planada	B56100	82	63
Campbell Moreland Ditch above Porterville	C03970	85	29
Chowchilla Bypass at Head below Control Structure	B07802	84	40
Chowchilla River, West Fork, near Mariposa	B64300	82	49
Delta-Mendota Canal to Mendota Pool	B00770	84	42
Dry Creek near Modesto	B04130	82	73
Eastside Bypass below Mariposa Bypass	B00416	82	51
Eastside Bypass near El Nido	B00435	82	50
Fresno River, Lewiston Fork, near Oakhurst	B67325	83	45
Fresno River 8 miles west of Madera	B06725	84	48
Friant Kern Canal to Porter Slough	C03913	85	26
Friant Kern Canal to Tule River	C03923	85	27
Hubbs and Miner Ditch at Porterville	C03925	85	34
James River near San Joaquin	C00200	84	39
Kern River at Second Point	C05180	87	36
Kern River near Bakersfield	C05150	87	37
Kings River South Fork below Empire Wier No. 2	C01120	84	38
Mariposa Creek below Mariposa Dam	B62100	82	56
Mariposa Bypass near Crane Ranch near Merced	B00420	82	52
Mariposa Creek near Catheys Valley	B62400	82	55
Maxwell Creek at Coulterville	B51250	82	67
Merced River at Cressey	B05155	82	69
Merced River near Snelling	B05170	82	68
Miami Creek at Highway 49 near Ahwahnee	B67285	83	47
Miami Creek near Oakhurst	B67300	83	46
Orestimba Creek below Highway 33	B08735	72	70
Owens Creek at Midwest Boundary near Merced	B06151	82	58
Owens Creek below Eastside Canal near Crane Ranch	B06114	82	53
Owens Creek below Owens Dam near Planada	B06170	82	57
Panoche Drain near Dos Palos	B00975	84	65
Poplar Ditch near Porterville	C03960	85	33
Porter Slough at Porterville	C03182	85	30
Porter Slough Ditch at Porterville	C03984	85	31
Salt Slough near Stevenson	B00470	82	66
San Joaquin River at Maze Road Bridge	B07040	82	74
San Joaquin River at Patterson Bridge	B07200	82	71
San Joaquin River below Control Structure	B07798	84	41
San Joaquin River near Dos Palos	B07610	84	44
San Joaquin River near Mendota	B07710	84	43
San Joaquin River near Stevinson	B07400	82	64
Stanislaus River at Koetitz Ranch	B03115	82	76
Stanislaus River at Orange Blossom Bridge	B03175	82	75
Stockton Creek at Highway 49 near Mariposa	B62410	82	54
Tule River near Porterville	C03169	85	28
Tuolumne River at Hickman Bridge	B04150	82	72
Vandalia Ditch near Porterville	C03965	85	32
Woods Central Ditch near Porterville	C03948	85	35

APPENDIX B
SURFACE WATER MEASUREMENT

Appendix B presents the daily mean flow at designated stations in the San Joaquin Valley for the water year October 1, 1984 to September 30, 1985. The information includes, in addition to daily mean discharge, the maximum and minimum discharge and corresponding gage heights, the maximum discharge of record, station description, and other pertinent data concerning each station. A list of the stations appears on the facing page; their locations are shown on Figure 4, pages 82 through 87.

Surface water stations are named for the stream and a nearby landmark or post office, such as "Chowchilla River, West Fork, near Mariposa."

The first character of a surface water station number designates the basin in which the station is located and is one of the areal code letters shown in Figure 1. The second character, a numeric, designates a specific tributary area within the major basin. These two characters, therefore, indicate the general location of the station. Tributary areas used in this volume are:

BASIN B – SAN JOAQUIN RIVER
- Tributary area 0 – San Joaquin Valley Floor
- Tributary Area 5 – Merced River
- Tributary Area 6 – Fresno – Chowchilla Rivers

BASIN C – TULARE LAKE
- Tributary Area 0 – Tulare Lake Valley Floor

The discharge estimated for periods of no record are shown with the letter "E." Also qualified by the letter "E" are discharges obtained from extended ratings which exceed 140 percent of the highest measured flow-rate on which the rating curve was based. The discharge figures have been rounded as follows:

Daily flows – second-feet

0.0	–	9.9	nearest Tenth
10	–	999	nearest Unit
1,000	–	9,999	nearest Ten
10,000	–	99,999	nearest Hundred
100,000	–	999,999	nearest Thousand

Monthly means – second-feet

0.0	–	99.9	nearest Tenth
100	–	9,999	nearest Unit
10,000	–	99,999	nearest Ten
100,000	–	999,999	nearest Hundred

Monthly and yearly totals – acre-feet

0.0	–	9,999	nearest Unit
10,000	–	99,999	nearest Ten
100,000	–	999,999	nearest Hundred
1,000,000	–	9,999,999	nearest Thousand

TABLE B
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C03913 FRIANT KERN CANAL TO PORTER SLOUGH

LOCATION: LAT 36-05-00, LONG 119-04-48, T21S, R27E, SEC. 20, MD B&M TULARE COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: C-01.L0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.0	.0	18	.0	.0	10	9.0	12	13	1
2	.0	.0	.0	.0	.0	7.0	.0	.0	10	11	10	13	2
3	.0	.0	.0	.0	.0	7.0	.0	.0	23	7.0	13	14	3
4	.0	.0	.0	.0	.0	10	.0	.0	21	11	14	14	4
5	.0	.0	.0	.0	.0	7.0	.0	.0	18	7.0	15	13	5
6	.0	.0	.0	.0	.0	5.0	.0	7.5	16	6.0	18	11	6
7	.0	.0	.0	.0	.0	5.0	.0	7.5	16	6.0	14	10	7
8	.0	.0	.0	.0	.0	3.0	.0	8.0	16	10	15	10	8
9	5.5	.0	.0	.0	.0	3.0	.0	8.0	13	14	17	10	9
10	5.5	.0	.0	.0	.0	3.0	.0	8.0	13	14	14	12	10
11	5.5	.0	.0	.0	.0	4.0	.0	7.0	13	12	9.5	12	11
12	.0	.0	.0	.0	.0	4.0	9.0	7.0	13	12	.0	10	12
13	.0	.0	.0	.0	.0	10	9.0	7.0	10	10	.0	6.0	13
14	.0	.0	.0	.0	.0	11	9.0	7.0	4.0	11	.0	.0	14
15	.0	.0	.0	.0	.0	11	19	7.0	18	17	.0	.0	15
16	.0	.0	.0	.0	.0	8.0	21	7.0	19	15	.0	.0	16
17	.0	.0	.0	.0	.0	8.0	16	4.0	9.0	14	.0	.0	17
18	.0	.0	.0	.0	.0	8.5	15	.0	4.5	13	.0	.0	18
19	.0	.0	.0	.0	.0	7.0	16	.0	5.0	15	.0	.0	19
20	.0	.0	.0	.0	.0	7.0	16	.0	.0	10	.0	.0	20
21	.0	.0	.0	.0	.0	7.0	13	.0	.0	11	.0	.0	21
22	.0	.0	.0	.0	.0	7.0	13	.0	.0	1.0	.0	.0	22
23	.0	.0	.0	.0	.0	4.0	4.5	.0	.0	.0	.0	.0	23
24	.0	.0	.0	.0	.0	4.0	1.5	.0	.0	.0	.0	.0	24
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	26
27	.0	.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.0	.0	--	.0	.0	8.0	.0	.0	.0	.0	29
30	.0	.0	.0	.0	--	.0	.0	10	.0	.0	12	.0	30
31	.0	--	.0	.0	--	.0	--	11	--	.0	12	--	31
DAILY MEAN	.5	.0	.0	.0	.0	5.6	5.4	3.7	8.4	7.6	5.7	4.9	
MAX	5.5	--	--	--	--	18	21	11	23	17	18	14	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET	33					344	321	226	499	468	348	294	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
3.5									2533

REMARKS:

Station is located 4 miles west of Porterville at the intersection of Porter Slough and the Frisnt Kern Canal.

Flows are deliveries from Friant-Kern Canal to Porter Slough.

Records are furnished by the U.S. Bureau of Reclamation and are published as received.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1951:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		25	.00	Wed Jul 21, 1982	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

CATION NUMBER: C03923 FRIANT_KERN CANAL TO TULE RIVER

OCATION: LAT 36-04-24, LONG 119-05-18, T21S, R27E, SEC. 30, MD B&M TULARE COUNTY

AINAGE AREA: HYDROLOGIC AREA: C-01.L0

ATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

AY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	.0	.0	.0	.0	.0	17	.0	.0	.0	.0	.0	.0	1
	.0	.0	.0	.0	.0	23	.0	.0	.0	.0	.0	.0	2
	.0	.0	.0	.0	.0	21	.0	.0	.0	.0	.0	.0	3
	.0	.0	.0	.0	.0	23	.0	.0	.0	.0	.0	.0	4
	.0	.0	.0	.0	28	23	.0	.0	.0	.0	.0	.0	5
	.0	.0	.0	.0	48	40	.0	.0	.0	.0	.0	.0	6
	.0	.0	.0	.0	70	49	.0	.0	.0	.0	.0	.0	7
	.0	.0	.0	.0	12	49	.0	.0	.0	.0	.0	.0	8
	.0	.0	.0	.0	.0	49	.0	.0	.0	.0	.0	.0	9
	.0	.0	.0	.0	.0	49	.0	.0	.0	.0	.0	.0	10
	.0	.0	.0	.0	.0	65	.0	.0	.0	.0	.0	.0	11
	.0	.0	.0	.0	.0	74	.0	.0	.0	.0	.0	.0	12
	.0	.0	.0	.0	.0	74	.0	.0	.0	.0	.0	.0	13
	.0	.0	.0	.0	44	18	.0	.0	.0	.0	.0	.0	14
	.0	.0	.0	.0	29	.0	.0	.0	.0	.0	.0	.0	15
	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	16
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
	.0	.0	.0	.0	19	.0	.0	.0	.0	.0	.0	.0	27
	.0	.0	.0	.0	20	.0	.0	.0	.0	.0	.0	.0	28
	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	29
	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	30
	.0	--	.0	.0	--	.0	--	.0	--	.0	.0	--	31
AILY EAN	.0	.0	.0	.0	9.7	18.5	.0	.0	.0	.0	.0	.0	
AX	--	--	--	--	70	74	--	--	--	--	--	--	
IN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CRE EET					538	1139							

EAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
2.3									1677

EMARKS:

tation is located approximately 4 miles west of Porterville at the intersection of the Friant-Kern Canal and Tule River.

lows are deliveries from Friant-Kern Canal to Tule River.

ecords are furnished by the U.S. Bureau of Reclamation and are published as received.

- Estimated. NR - No record. * - Discharge measurement or observation of no flow.

OR PERIOD OF RECORD BEGINNING 1951:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		176	1.99	Mon Jul 21, 1980	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C03169 TULE RIVER BELOW PORTERVILLE

LOCATION: LAT 36-04-42, LONG 119-06-24, T21S, R27E, SEC. 30, MD B&M TULARE COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: C-01.LO

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	5.6E	60	35 E	63	.0	100	5.0E	5.0E	.0	165 *	.0	15 E	1
2	15 E	54	47 E	63	.0	100	5.0E	5.0E	.0	222	.0	15 E	2
3	10 E	54	58 E	58	.0	90	5.0E	5.0E	.0	351	.0	15 E	3
4	10 E	47	63	45	.0	100	5.0E	5.0E	.0	361	.0	10 E	4
5	10 E	45	80	52	.0	100	5.0E	5.0E	.0	356	.0	5.0E	5
6	10 E	23	87	60	.0	100	5.0E	5.0E	.0	341	5.0E	5.0E	6
7	15 E	12	87	73	.0	87	5.0E	10 E	.0	351	5.0E	5.0E	7
8	15 E	10	90	67	.0	87	5.0E	10 E	.0	372	5.0E	.0	8
9	20 E	10	93	67 *	35 E	78	5.0E	10 E	.0	377	5.0E	.0	9
10	20 E	9.0	93	67	40 E	83	5.0E	15 E	.0	388	5.0E	.0	10
11	20 E	7.0	93	67	45 E	87	5.0E	15 E	.0	399	.0	.0	11
12	20 E	8.0	87	70	45 E	87	5.0E	15 E	.0	330	.0	.0	12
13	15 E	10	97	73	30 E	78	5.0E	15 E	.0	222	.0	.0	13
14	10 E	9.0	103	67	.0	37	5.0E	15 E	.0	204	.0	.0	14
15	10 E	6.0	115	63	.0	10 E	5.0E	15 E	.0	204 E	.0	.0	15
16	10 E	5.0	128	63	.0	6.0E	5.0E	15 E	.0	200 E	.0	.0	16
17	10 E	10	148	61	.0	5.0E	5.0E	10 E	.0	213 E	.0	.0	17
18	15 E	12	123	61	.0	5.0E	5.0E	5.0E	.0	195	.0	.0	18
19	15	12	111	32	9.6	5.0E	5.0E	.0	.0	111	.0	.0	19
20	22	16	107	14	93 *	5.0E	10 E	.0	.0	83	.0	.0	20
21	111	21	97	3.8	119	5.0E	10 E	.0	.0	61	.0	.0	21
22	93 *	22	97	.0	157	5.0E	10 E	.0	.0	47	.0	.0	22
23	83	19	97	.0	148	5.0E	5.0E	.0	.0	27	.0	.0	23
24	61	21	97	.0	132	5.0E	5.0E	.0	.0	14	.0	.0	24
25	58	19	83	.0	132	5.0E	5.0E	.0	.0	10	.0	.0	25
26	58	14	73	.0	187	10 E	.0	.0	.0	10 E	.0	.0	26
27	63	10	80	.0	235	10 E	.0	.0	.0	7.0E	.0	.0	27
28	56	10 E	80	.0	136	5.0E	.0	.0	.0	5.0E	.0	.0	28
29	45	15 E	97	.0	--	5.0E	3.0E	.0	113	5.0E	.0	.0	29
30	40	25 E	87	.0	--	5.0E	3.0E	.0	258	5.0E	.0	.0	30
31	52	--	67	.0	--	5.0E	--	.0	--	5.0E	7.0E	--	31
DAILY MEAN	32.2	19.8	90.3	38.4	55.1	42.4	4.9	5.8	12.4	182	1.0	2.3	
MAX	111	60	148	73	235	100	10	15	258	399	7.0	15	
MIN	5.6	5.0	35	.0	.0	5.0	.0	.0	.0	5.0	.0	.0	
ACRE FEET	1979	1180	5554	2360	3062	2608	290	357	736	11190	63	139	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
40.8									29518

REMARKS:

Station is located 300 feet upstream from Rockford Road, 5.1 miles west of Porterville.

Flows are regulated by upstream reservoir and diversion and include releases from Friant-Kern Canal.

Station is operated by the Tule River Association and is published as received.

The datum for this station from 1957 to 1959 is .0, local.
The datum for this station from 1959 to present is -3.4, local.

WATER YEAR 1985:
From February 27 through March 6, flows included water from the Central Valley Project.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow..

FOR PERIOD OF RECORD BEGINNING 1957:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		8850	9.27	Wed Dec 07, 1966	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

TATION NUMBER: C03970 CAMPBELL MORELAND DITCH ABOVE PORTERVILLE

OCATION: LAT 36-02-42, LONG 118-57-17, T22S, R28E, SEC. 04, MD B&M TULARE COUNTY

RAINAGE AREA: HYDROLOGIC AREA: C-01.L0

ATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

AY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	16	4.2	12	.0	.0	.0	.0	17	15	16	17	18	1
2	16	.0	12	.0	.0	.0	.0	18	17	16	18	18	2
3	15	.0	12	.0	.0	.0	.0	19	17	16	18	18	3
4	15	.0	4.4	.0	.0	.0	.0	19	18	16	16	17 *	4
5	15	.0	.0	.0	.0	.0	.0	19	18	16	18	17	5
6	15	.0	.0	.0	.0	.0	.0	19	17	16	18	17	6
7	15	.0	.0	.0	.0	.0	.0	19	18	16	20	16	7
8	15	.0	.0	.0	.0	.0	10	19	19	16	20	16	8
9	14	.0	.0	.0	.0	.0	16	19	20	16	18	16	9
0	14	.0	.0	.0	.0	.0	16 *	19	20	18	17	16	10
1	13	.0	.0	.0	.0	12	17	19	20	20	16	15	11
2	13	.0	.0	.0	.0	18 E	17	19	20	18	16	12	12
3	12	.0	.0	.0	.0	18 E*	17	19	19	18	18	11	13
4	12	.0	.0	.0	.0	16	17	19	18	17	18	13	14
5	12	.0	.0	.0	.0	15	16	17	16	16	18	14	15
6	12	.0	.0	.0	.0	15	15	16	15	17	18	15	16
7	12	.0	.0	.0	.0	14	15	16	15 *	17	18	16	17
8	15	.0	.0	.0	.0	14	16	16	16	16	17	18	18
9	14	.0	.0	.0	.0	14	16	16	18	16	17	18	19
0	14	7.6	.0	.0	.0	14	17	16	18	17	17	18	20
1	14	12	.0	.0	.0	15	17	16	17	17	17	19	21
2	14	13	.0	.0	.0	15	17	16	15	16	16	19	22
3	13	13	.0	.0	.0	15	16	16	15	16	16	6.0	23
4	13	13	.0	.0	.0	15	16	16	15	16	16	.0	24
5	13	13	.0	.0	.0	15 *	16	16	15	16	16	.0	25
6	13	13	.0	.0	.0	6.0	16	16	15	16	16	.0	26
7	13	13	.0	.0	.0	.0	16	15	15	17	16	.0	27
8	13	12	.0	.0	.0	.0	16	15	16	17	16	.0	28
9	13	12	.0	.0	--	.0	16	15	16	17	18	.0	29
0	13	12	.0	.0	--	.0	17	16	16	16	19	9.7	30
1	13	--	.0	.0	--	.0	--	16	--	16	18	--	31
AILY EAN	13.7	4.6	1.3	.0	.0	7.5	12.3	17.2	17.0	16.6	17.4	12.4	
AX	16	13	12	--	--	18	17	19	20	20	20	19	
IN	12	.0	.0	.0	.0	.0	.0	15	15	16	16	.0	
ORE ET	841	273	80			458	730	1057	1010	1020	1069	739	

EAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
10.1									7277

EMARKS:

ation is located 3.9 miles southeast of Porterville approximately 2600 feet downstream from ditch head.

ation is operated by the Tule River Association and records are published as received.

e datum for this station from 1963 to present is -2.0, local.

- Estimated. NR - No record. * - Discharge measurement or observation of no flow.

R PERIOD OF RECORD BEGINNING 1942:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM	No instantaneous maximum data is available for this station.				

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C03182 PORTER SLOUGH AT PORTERVILLE

LOCATION: LAT 36-03-30, LONG 118-59-06, T21S, R28E, SEC. 31, MD B&M TULARE COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: C-01.20

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	25	.0	.0	40	.0	.0	.0	.0	.0	31 *	13	.0	1
2	26	.0	.0	40	.0	.0	.0	.0	.0	24	24	.0	2
3	26	.0	.0	38	.0	.0	.0	.0	.0	20	34	5.2	3
4	26	.0	.0	35	.0	.0	.0	.0	.0	22	38	25	4
5	26	.0	.9	35	.0	.0	.0	.0	.0	22	38 *	28	5
6	9.8	.0	29	35	.0	.0	.0	.0	.0	23	29	29	6
7	.0	.0	32	37	.0	.0	.0	.0	.0	24	22	30	7
8	.0	.0	30	37	.0	.0	.0	.0	.0	25	21	33	8
9	.0	.0	33	36 *	.0	.0	.0	.0	.0	26	20	32	9
10	.0	.0	33	35	.0	.0	.0	.0	5.3	26	18	31	10
11	.0	.0	37	35	.0	.0	.0	.0	32	26	15	29	11
12	.0	.0	29	35	24	.0	.0	.0	40 *	20	2.9	14	12
13	.0	.0	25 E	35	50	.0	.0	.0	21	24	.0	13	13
14	.0	.0	10 E	35	50	.0	.0	.0	24	25	.0	11	14
15	.0	.0	15 E	35 *	50 *	.0	.0	.0	7.8	25	.0	11	15
16	.0	.0	39	35	47	.0	.0	.0	16	27	.0	16	16
17	.0	.0	35	35	20	.0	.0	.0	32 *	26	.0	19	17
18	.0	.0	35	16	10 E	.0	.0	.0	40	23	.0	6.0	18
19	.0	.0	37	.0	10 E	.0	.0	.0	51	18	.0	.0	19
20	.0	.0	37	.0	5.0E	.0	.0	.0	41	16	.0	.0	20
21	.0	.0	36	.0	.0	.0	.0	.0	6.4	14	.0	.0	21
22	.0	.0	36	.0	.0	.0	0	.0	.0	2.3	.0	.0	22
23	.0	.0	37	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
24	.0	.0	37	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
25	.0	.0	37	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	38	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
27	.0	.0	38	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	39	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	38	.0	--	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	39	.0	--	.0	.0	.0	9.2	.0	15 *	.0	30
31	.0	--	40	.0	--	.0	--	.0	--	3.2	.0	--	31
DAILY MEAN	4.5	.0	28.1	20.3	9.5	.0	.0	.0	10.9	15.9	9.4	11.1	
MAX	26	--	40	40	50	--	--	--	51	31	38	33	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET	275		1729	1248	528				646	977	575	659	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
9.2									6637

REMARKS:

Station is located at "B" lane in eastern Porterville.

This is a regulated diversion from Tule River.

Station is operated by the Tule River Association and records are published as received.

The datum for this station from 1957 to present is .0, local.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1942:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		No instantaneous maximum data is available for this station.			

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C03984 PORTER SLOUGH DITCH AT PORTERVILLE

LOCATION: LAT 36-04-06, LONG 119-01-30, T21S, R27E, SEC. 26, MD B&M TULARE COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: C-01.20

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	4.7	.0	.0	.0	.0	.0	.0	.0	.0	4.6	4.4	.0	1
2	6.8	.0	.0	.0	.0	.0	.0	.0	.0	5.3	11	.0	2
3	7.5	.0	.0	.0	.0	.0	.0	.0	.0	7.2*	12	.0	3
4	7.2	.0	.0	.0	.0	.0	.0	.0	.0	7.8	12	4.5	4
5	6.6	.0	.0	.0	.0	.0	.0	.0	.0	8.4	12	7.8	5
6	3.8	.0	.0	.0	.0	.0	.0	.0	.0	8.3	12	6.2*	6
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	10	4.9	7
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	9.8	5.5	8
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	8.8	6.6	9
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	8.0	7.5	10
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	7.6	8.7	11
12	.0	.0	.0	.0	.0	.0	.0	.0	6.1*	7.8	3.2	4.6	12
13	.0	.0	.0	.0	.0	.0	.0	.0	7.8	10	.0	4.7	13
14	.0	.0	.0	.0	.0	.0	.0	.0	8.9	12	.0	4.5	14
15	.0	.0	.0	.0	.0	.0	.0	.0	4.9	13	.0	4.3	15
16	.0	.0	.0	.0	.0	.0	.0	.0	4.5	12	.0	4.4	16
17	.0	.0	.0	.0	.0	.0	.0	.0	8.9	13	.0	5.2	17
18	.0	.0	.0	.0	.0	.0	.0	.0	13	12	.0	3.6	18
19	.0	.0	.0	.0	.0	.0	.0	.0	16	9.3	.0	.0	19
20	.0	.0	.0	.0	.0	.0	.0	.0	13	9.0	.0	0	20
21	.0	.0	.0	.0	.0	.0	.0	.0	5.6	9.4	.0	.0	21
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	.0	.0	22
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0	26
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.0	.0	.0	.0	.0	.0	0	.0	.0	.0	28
29	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	1.8	.0	30
31	.0	--	.0	.0	--	.0	--	.0	--	.0	.0	--	31
DAILY MEAN	1.2	.0	.0	.0	.0	.0	.0	.0	3.0	6.6	3.6	2.8	
MAX	7.5	--	--	--	--	--	--	--	16	13	12	8.7	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET	73								176	409	224	165	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
1.4									1047

REMARKS:

Station is located 0.5 miles west of Porterville Post Office, 150 feet downstream from head

This is a regulated diversion from Tule River.

Station is operated by the Tule River Association and record is published as received.

The datum for this station from 1943 to present is .0, local.

e - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1943:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		No instantaneous maximum data is available for this station			

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C03965 VANDALIA DITCH NEAR PORTERVILLE

LOCATION: LAT 36-03-00, LONG 118-58-18, T21S, R28E, SEC. 05, MD B&M TULARE COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: C-01.20

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.0	.0	3.9	.0	.0	.0	.0	.0	.0	1
2	.0	.0	0	.0	.0	3.7	.0	.0	.0	.0	.0	.0	2
3	.0	.0	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	3
4	.0	.0	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	4
5	.0	.0	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	5
6	.0	.0	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	6
7	.0	.0	.0	.0	.0	2.4	.0	.0	.0	.0	0	.0	7
8	.0	.0	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	8
9	.0	.0	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	9
10	.0	.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	10
11	0	.0	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	11
12	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	13
14	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	14
15	.0	.0	.0	.0	.0	1.1	.0	.0	0	.0	.0	.0	15
16	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	16
17	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	17
18	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	18
19	.0	.0	.0	0	.0	1.1	.0	.0	.0	.0	.0	.0	19
20	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	20
21	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	21
22	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	0	.0	22
23	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.0	.0	.0	1.1*	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.0	.0	2.7E	.5	.0	.0	.0	.0	.0	.0	26
27	.0	.0	.0	.0	4.0E*	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	30
31	.0	--	.0	.0	--	.0	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.0	.0	.0	.4	1.5	.0	.0	.0	.0	.0	.0	
MAX	--	--	--	--	4.0	3.9	--	--	--	--	--	--	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET					21	94							

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
.2									115

REMARKS:

Station is located 2.8 miles southwest of Porterville, 1000 feet downstream from head.

This is regulated diversion from Tule River.

Station is operated by the Tule River Association and records are published as received.

The datum for this station from 1948 to present is .0, local.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1948:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM	No instantaneous maximum data is available for this station.				

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

ATION NUMBER: C03960 POPLAR DITCH NEAR PORTERVILLE

ATION: LAT 36-03-12, LONG 119-00-54, T21S, R27E, SEC. 36, MD B&M TULARE COUNTY

INAGE AREA: HYDROLOGIC AREA: C-01.LO

R YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	101	39	64	51	.0	82	30	43	106	81 *	29	51
2	100	14 *	64	50	.0	81	49	67	114	106	36	52 *
3	101	14	64 *	49	4.2	81	50 *	92 *	113 *	123	38	51
4	101	14	64	49	26	81	50	94	116	124	39	49
5	102	17	64	48	34	81	50	95	116	124	40	49
6	103	16	64	49	33 *	57	50	92	116	124	45	48
7	102	16	64	49	33	48	50	90	116	123	48	48
8	10.	16	64	49	34	48 *	49	96	115	123	48	47
9	103	15	64	50 *	44	48	47	97	115	123	47	45
10	104	15	63	50	41	48	47	98	116	124	47	44
11	94	15	63	50	36	31	47	99	120	119	43	41
12	84	15	62	49	36	33	50	98	116	39	34	28
13	62	16	60	48	36	35	53	99	113	19	16	2c
14	51	33	60	48	37	35	53	92	119	20	9.0	25
15	48	54	60	48	37	33	26	37	53	24 *	9.2	24
16	44	50	59	48	37	28	13	16	19	27	9.2	34
17	47 *	45	58	48	38	28	13 *	15 *	15 *	27	9.2	43
18	72	45	56	42	43	26	13	15	18	25	9.8	51
19	77	47 *	56	12	75	24	13	16	21	25	11	65
20	73	42	56	.3	100	24 *	13	17	22	25	11	69
21	77	41	56	.0	108	24	13	18	11	24	11	82
22	84 *	37	56	.0	107 *	24	13	17	4.9	11	12	89
23	84	36	56	.0	90	21	13	17	4.5	6.3	10 E	103
24	84	31	56	.0	86	19	12	19	4.5	6.0	10 E	113
25	85	26	56	.0	85	15	12	18	4.5	5.8	10 E	115 *
26	82	26	55	.0	84	12	11	17	4.4	5.8	10 E	114
27	82	28	55	.0	83	12	6.8	17	4.3	5.6	10 E	114
28	87	30	54	.0	82	12	4.9	11	6.3	5.6	10 E	76
29	88	47	53	.0	--	12	5.3	19	13	5.4	30 E	50
30	88	62	52	.0	--	12	20	36	68	5.4	50	50
31	88	---	52	.0	--	12	--	62	--	11	54	--
ILY AN	83.8	30.1	59.0	28.7	51.8	36.4	29.2	52.2	62.8	52.2	25.7	59.9
X	104	62	64	51	108	82	53	99	120	124	54	115
N	44	14	52	.0	.0	12	4.9	11	4.3	5.4	9.0	24
RE ET	5155	1789	3630	1762	2874	2235	1740	3212	3738	3207	1578	3562

AN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
47.6									34481

MARKS:

ation is located 1.0 mile south of Porterville, 4700 feet downstream from head.

is is regulated diversion from the Tule River.

ation is operated by Tule River Association and records are published as received.

e datum for this station from 1942 to present is .0, local.

- Estimated. NR - No record. * - Discharge measurement or observation of no flow.

R PERIOD OF RECORD BEGINNING 1942:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM	No instantaneous maximum data is available for this station				

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C03925 HUBBS+MINER DITCH AT PORTERVILLE

LOCATION: LAT 36-03-36, LONG 119-02-08, T21S, R27E, SEC. 34, MD B&M TULARE COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: C-01.L0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	5.4	.0	.0	.0	.0	.0	.0	6.4	1.3	6.5	5.4	3.5	1
2	5.4	.0	.0	.0	.0	.0	.0	7.4	.0	9.7	8.2	3.9*	2
3	5.7	.0	.0	.0	.0	.0	.0	8.5	.0	7.2	11	4.7	3
4	5.7	.0	.0	.0	.0	.0	.0	8.6	.0	.0	12	4.5	4
5	5.8	.0	.0	.0	.0	.0	.0	8.6	.0	3.4	12 *	4.0	5
6	5.9	.0	.0	.0	.0	.0	.0	6.4	.0	11	10	3.5	6
7	5.7	.0	.0	.0	.0	.0	.0	4.0	.0	11	10	2.9	7
8	6.3	.0	.0	.0	.0	.0	.0	.0	.0	11	10	2.6	8
9	6.6	.0	.0	.0	.0	.0	.0	.0	.0	10	7.3	1.5	9
10	6.6	.0	.0	.0	.0	.0	.0	.0	.0	7.3	5.4	.0	10
11	6.7	.0	.0	.0	.0	.0	1.0	.0	5.8	4.9	5.5	.0	11
12	3.3	.0	.0	.0	.0	.0	5.2*	.0	6.8*	1.0	2.6	.0	12
13	.0	.0	.0	.0	.0	.0	6.7	.6E	9.2	.0	.0	.0	13
14	.0	.0	.0	.0	.0	.0	7.0	3.2E	9.4	.6	.0	.0	14
15	.0	.0	.0	.0	.0	.0	8.0	5.9E	7.1	7.0	.0	.0	15
16	.0	.0	.0	.0	.0	.0	7.8	6.6	6.4	12	.0	.0	16
17	.0	.0	.0	.0	.0	.0	7.7	5.7	5.3	11	.0	.0	17
18	.0	.0	.0	.0	.0	.0	6.4	5.6	5.4	11	.0	.0	18
19	.0	.0	.0	.0	.0	.0	6.0	5.7	8.1	9.6	.0	.0	19
20	.0	.0	.0	.0	.0	.0	3.5	5.6	8.6	8.8	.0	.0	20
21	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	9.0	.0	.0	21
22	.0	.0	.0	.0	.0	.0	.0	4.4	.0	.5	.0	.0	22
23	.0	.0	.0	.0	.0	.0	.0	8.3	.0	.0	.0	.0	23
24	.0	.0	.0	.0	.0	.0	.0	8.4	.0	.0	.0	.0	24
25	.0	.0	.0	.0	.0	.0	.0	7.4	.0	.0	.0	.0	25
26	.0	.0	.0	.0	.0	.0	.0	7.3	.0	.0	.0	.0	26
27	.0	.0	.0	.0	.0	.0	.0	6.1	.0	.0	.0	.0	27
28	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.0	.0	28
29	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.5	.0	29
30	.0	.0	.0	.0	--	.0	.6	.5	.5	.0	2.7	.0	30
31	.0	--	.0	.0	--	.0	--	1.5	--	1.9	3.0	--	31
DAILY MEAN	2.2	.0	.0	.0	.0	.0	2.0	4.5	2.6	5.0	3.4	1.0	
MAX.	6.7	--	--	--	--	--	8.0	8.6	9.4	12	12	4.7	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET	137						119	275	156	306	209	62	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
1.7									1264

REMARKS:

Station is located 1.1 miles southwest of Porterville, 3000 feet downstream from head.

This is regulated diversion from Tule River.

Station is operated by Tule River Association and record is published as received.

The datum for this station from 1942 to present is .0, local.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1942:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		No instantaneous maximum data is available for this station.			

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C03948 WOODS CENTRAL DITCH NEAR PORTERVILLE

LOCATION: LAT 36-04-18, LONG 119-05-54, T21S, R27E, SEC. 30, MD B&M TULARE COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: C-01.LO

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	62	41	45	.0	.0	.0	.0	166	181 •	.0	.0	1
2	.0	60	41	44	.0	.0	.0	.0	197	232	.0	.0	2
3	.0	58	41 •	44	.0	.0	.0	.0	213	250	.0	.0	3
4	.0	58	42	44	.0	.0	.0	.0	213 •	255	.0	.0	4
5	.0	34	42	44	.0	.0	.0	.0	231	254	.0	.0	5
6	.0	.0	43	44	.0	.0	.0	.0	248	255	.0	.0	6
7	.0	.0	43	45	.0	.0	.0	.0	257	256	.0	.0	7
8	30	.0	43	45	.0	.0	.0	.0	260	256	.0	.0	8
9	108	.0	43	45	.0	.0	.0	.0	262	257	.0	.0	9
10	103 •	.0	43	45	.0	.0	.0	.0	259	257	.0	.0	10
11	100	.0	43	45	.0	.0	.0	.0	240	60	.0	.0	11
12	50	.0	43	45	34	.0	.0	.0	254	.0	.0	.0	12
13	.0	.0	44	45	83	.0	.0	.0	260	.0	.0	.0	13
14	.0	.0	44	45	99 •	.0	.0	.0	244 •	.0	.0	.0	14
15	.0	.0	44	44 •	104	.0	.0	.0	.0	.0	.0	.0	15
16	.0	.0	44	44	97	.0	.0	.0	.0	.0	.0	.0	16
17	.0	.0	44	44	109	.0	.0	.0	.0	.0	.0	.0	17
18	20	.0	43	43	128	.0	.0	.0	.0	.0	.0	.0	18
19	65	.0	44	16	137	.0	.0	.0	.0	.0	.0	.0	19
20	66	.0	44	.0	143	.0	.0	.0	.0	.0	.0	.0	20
21	68	.0	44	.0	137	.0	.0	.0	.0	.0	.0	.0	21
22	67 •	.0	44	.0	132	.0	.0	.0	.0	.0	.0	.0	22
23	69	.0	44	.0	130	.0	.0	.0	.0	.0	.0	.0	23
24	75	.0	44	.0	128	.0	.0	.0	.0	.0	.0	.0	24
25	80	.0	44	.0	131	.0	.0	.0	.0	.0	.0	.0	25
26	81	.0	44	.0	140	.0	.0	.0	.0	.0	.0	.0	26
27	81	20 E	45	.0	71	.0	.0	.0	.0	.0	.0	.0	27
28	80	38	44	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	80	36	44	.0	--	.0	.0	.0	57	.0	.0	.0	29
30	80	41	44	.0	--	.0	.0	.0	93	.0	.0	.0	30
31	72	--	44	.0	--	.0	--	82	--	.0	.0	--	31
DAILY MEAN	44.4	13.6	43.4	26.3	64.4	.0	.0	2.6	115	81.1	.0	.0	
MAX	108	62	45	45	143	--	--	82	262	257	--	--	
MIN	.0	.0	41	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET	2727	807	2666	1619	3576			163	6851	4984			

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
32.3									23393

REMARKS:

Station is located 4.5 miles west of Porterville 100 feet downstream from head.

This is a regulated diversion from Tule River.

Station is operated by the Tule River Association and records are published as received.

The datum for this station from 1942 to present is .0, local.

WATER YEAR 1985:
From March 15 through March 16, flows included water from the Central Valley Project.

E - Estimated. NR - No record. • - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1948:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		No instantaneous maximum data is available for this station.			

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C05180 KERN RIVER AT SECOND POINT

LOCATION: LAT 35-18-02, LONG 119-15-42, T30S, R25E, SEC. 23, MD B&M KERN COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: C-01.V0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	68	.0	.0	248	.0	.0	46	231	216	156	1
2	.0	.0	48	.0	.0	220	.0	.0	44	261	177	140	2
3	.0	.0	29	.0	.0	200	.0	.0	55	325	159	139	3
4	.0	.0	40	.0	.0	164	.0	.0	67	373	136	129	4
5	.0	.0	51	.0	.0	74	.0	.0	117	353	130	115	5
6	.0	.0	43	.0	38	69	.0	3.0	112	333	167	36	6
7	.0	.0	42	.0	102	73	.0	5.0	102	349	244	48	7
8	.0	.0	44	.0	196	96	.0	3.0	157	349	235	59	8
9	.0	.0	33	.0	284	85	.0	2.0	235	302	211	47	9
10	.0	.0	22	.0	230	78	.0	.0	255	308	231	68	10
11	.0	.0	3.0	.0	235	43	.0	.0	264	366	218	105	11
12	.0	.0	.0	.0	259	.0	.0	1.0	297	363	190	88	12
13	.0	.0	.0	.0	274	.0	.0	.0	369	301	185	106	13
14	.0	.0	.0	.0	255	.0	.0	.0	390	291	177	74	14
15	.0	13	.0	.0	257	.0	.0	.0	400	307	127	69	15
16	.0	.0	.0	.0	337	.0	.0	.0	402	285	144	60	16
17	.0	.0	.0	.0	361	.0	.0	.0	377	234	157	46	17
18	.0	6.0	.0	.0	364	.0	.0	.0	367	239	100	123	18
19	.0	.0	.0	.0	329	.0	.0	.0	349	236	72	133	19
20	.0	.0	.0	.0	317	.0	.0	.0	298	277	73	138	20
21	.0	.0	.0	.0	324	.0	.0	.0	262	317	114	140	21
22	.0	.0	.0	.0	287	.0	.0	.0	251	333	222	135	22
23	.0	.0	.0	.0	276	.0	.0	.0	206	341	260	126	23
24	.0	.0	.0	.0	278	.0	.0	.0	231	336	267	103	24
25	.0	.0	.0	.0	285	.0	.0	.0	205	346	242	72	25
26	.0	.0	.0	.0	282	.0	.0	.0	149	364	238	78	26
27	.0	.0	.0	.0	291	90	.0	.0	153	363	265	79	27
28	.0	.0	.0	.0	271	55	.0	20	189	350	231	46	28
29	.0	10	.0	.0	--	16	.0	44	189	347	197	.0	29
30	.0	66	.0	.0	--	.0	.0	47	198	335	209	.0	30
31	.0	--	.0	.0	--	.0	--	43	--	267	210	--	31
DAILY MEAN	.0	3.2	13.6	.0	219	48.7	.0	5.4	225	316	187	88.6	
MAX	--	66	68	--	364	248	--	47	402	373	267	156	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	44	231	72	.0	
ACRE FEET		188	839		12160	2997		333	13360	19400	11510	5272	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 19? -5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
91.3									66059

REMARKS:

Station is located 0.5 west of Highway 43.

Station is operated by Buena Vista Water Storage District.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 0000:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM	No instantaneous maximum data is available for this station.				

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C05150 KERN RIVER NEAR BAKERSFIELD

LOCATION: LAT 35-25-54, LONG 118-56-43, T29S, R28E, SEC. 02, MD B&M KERN COUNTY

DRAINAGE AREA: 2406.9 SQ MILES HYDROLOGIC AREA: C-01.V0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	732	604	899	630	464	1160	781	1080	1030	1690	1690	787	1
2	764	716	884	627	461	1110	890	1100	1020	1660	1550	818	2
3	727	740	888	634	463	1000	934	1120	1010	1740	1370	810	3
4	704	723	884	671	445	1040	902	1080	983	1800	1310	748	4
5	735	714	951	691	449	934	800	1020	1130	1820	1390	688	5
6	804	781	977	677	483	882	732	1080	1290	1760	1540	592	6
7	812	747	985	768	583	903	785	1080	1370	1760	1700	555	7
8	733	825	1030	747	679	951	1030	1110	1380	1840	1540	538	8
9	708	811	1050	722	807	918	1070	1100	1540	1800	1400	554	9
10	762	798	1010	710	726	907	1150	1060	1670	1770	1360	584	10
11	746	783	954	707	761	1020	1180	988	1730	1860	1350	593	11
12	636	791	954	713	841	1020	1130	1020	1860	1810	1400	490	12
13	688	700	924	689	836	1020	1060	1210	1960	1700	1410	411	13
14	679	441	920	682	810	936	1030	1300	2050	1770	1400	349	14
15	672	478	946	710	924	903	1130	1350	2020	1880	1320	364	15
16	670	471	632	825	1040	866	1130	1350	2040	1900	1250	461	16
17	662	444	541	822	1080	859	1090	1290	2110	1840	1150	523	17
18	649	521	501	844	1130	848	983	1240	2180	1820	1100	615	18
19	671	464	545	849	1090	771	890	1300	2190	1780	1080	574	19
20	640	460	611	760	1120	784	752	1400	2070	1740	1080	544	20
21	630	523	635	483	1120	764	755	1390	1980	1720	1140	526	21
22	644	505	632	475	1100	769	869	1290	1850	1760	1230	571	22
23	660	462	630	459	1120	717	861	1230	1770	1800	1220	672	23
24	646	551	627	453	1140	699	861	1210	1790	1860	1120	672	24
25	634	588	631	476	1180	745	960	1150	1700	1880	1080	635	25
26	621	532	630	620	1220	799	948	1090	1580	1890	1130	643	26
27	644	556	630	644	1240	970	901	1160	1570	1870	1090	658	27
28	616	631	632	631	1210	793	862	1200	1640	1910	1040	569	28
29	617	654	654	540	--	702	946	1240	1620	1990	983	523	29
30	578	882	652	528	--	670	1010	1220	1640	1740	934	565	30
31	553	--	651	447	--	669	--	1130	--	1790	843	--	31
DAY MEAN	679	630	777	653	876	875	947	1180	1659	1805	1265	588	
MEAN	812	882	1050	849	1240	1160	1180	1400	2190	1990	1700	818	
MIN	553	441	501	447	445	669	732	988	983	1660	843	349	
AC FT	41730	37480	47780	40130	48640	53810	56370	72570	98720	111000	77750	34970	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
996									720950

REMARKS:

Station located 5.8 miles northeast of Bakersfield.

Station is also known as "Kern River at First Point".

Station is operated by the Kern County Water-Master and records are published as received.

The datum for this station from 1893 to present is .0, mean sea level.

E Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1893:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		9290	454.94	Wed Dec 06, 1967	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C01120 KINGS RIVER SOUTH FORK BELOW EMPIRE WIER NO2

LOCATION: LAT 36-10-00, LONG 119-49-48, T20S, R20E, SEC. 20, MD B&M KING COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: C-01.J0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	102	99	.0	1
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	137	70	.0	2
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	158	125	.0	3
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	107	134	.0	4
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	73	138	.0	5
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	91	81	.0	6
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	99	47	.0	7
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	102	45	.0	8
9	.0	.0	.0	.0	.0	.0	.0	.0	19	107	59	.0	9
10	.0	.0	.0	.0	.0	.0	.0	.0	97	36	122	.0	10
11	.0	.0	.0	.0	.0	.0	.0	.0	96	.0	143	.0	11
12	.0	.0	.0	.0	.0	.0	.0	.0	88	.0	160	.0	12
13	.0	.0	.0	.0	.0	.0	.0	.0	83	.0	220	.0	13
14	.0	.0	.0	.0	.0	.0	.0	.0	143	.0	202	.0	14
15	.0	.0	.0	.0	.0	.0	.0	.0	175	.0	179	.0	15
16	.0	.0	.0	.0	.0	.0	.0	.0	146	.0	146	.0	16
17	.0	.0	.0	.0	.0	.0	.0	.0	88	44	146	.0	17
18	.0	.0	.0	.0	.0	.0	.0	.0	78	179	146	.0	18
19	.0	.0	.0	.0	.0	.0	.0	.0	162	185	150	.0	19
20	.0	.0	.0	.0	.0	.0	.0	.0	169	179	189	.0	20
21	.0	.0	.0	.0	.0	.0	.0	.0	169	165	156	.0	21
22	.0	.0	.0	.0	.0	.0	.0	.0	185	164	119	.0	22
23	.0	.0	.0	.0	.0	.0	.0	.0	189	156	34	.0	23
24	.0	.0	.0	.0	.0	.0	.0	.0	145	165	.0	.0	24
25	.0	.0	.0	.0	.0	.0	.0	.0	131	146	.0	.0	25
26	.0	.0	.0	.0	.0	.0	.0	.0	152	122	17	.0	26
27	.0	.0	.0	.0	.0	.0	.0	.0	202	110	68	.0	27
28	.0	.0	.0	.0	.0	.0	.0	.0	169	91	.0	.0	28
29	.0	.0	.0	.0	--	.0	.0	.0	110	113	.0	.0	29
30	.0	.0	.0	.0	--	.0	.0	.0	63	122	.0	.0	30
31	.0	--	.0	.0	--	.0	--	.0	--	119	.0	--	31
DAILY MEAN	.0	.0	.0	.0	.0	.0	.0	.0	95.3	99.1	96.6	.0	
MAX	--	--	--	--	--	--	--	--	202	185	220	--	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET									5671	6093	5940		

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
24.5									17704

REMARKS:

Station is located 1.0 mile southwest of Stratford. South Fork Kings River is tributary to the Tulare Lake area.

Record furnished by Kings River Water Association and is published as received.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1937:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		4102	.00	Thu Jun 12, 1969	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: C00200 JAMES BYPASS NEAR SAN JOAQUIN

LOCATION: LAT 36-39-09, LONG 120-10-49, T15S, R16E SEC. 01, MD B&M FRESNO COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: C-01.80

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
2	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	29
3	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	30
3	.0	--	.0	.0	--	.0	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MEAN	--	--	--	--	--	--	--	--	--	--	--	--	
MAX	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
AC FT													

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
.0									

REMARKS:

Station is 0.1 mile downstream of Placer Ave, 3.1 miles north of the city of San Joaquin.

James Bypass carries diverted flow from the Kings River and is subject to regulation by upstream dams and diversion facilities.

Station has been operated by Kings River Water Association 1929-45, U.S. Geological Survey 1947-53, and U.S. Bureau of Reclamation 1953-date. Records have been published by the Department of Water Resources since 1969.

USGS datum for this station from 1929 to present is 165.0, topographic map.

E Estimated. NR - No record. * - Discharge measurement or observation of no flow.

PERIOD OF RECORD BEGINNING 1947:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		5600	12.22	Sat Jun 07, 1969	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B07802 CHOWCHILLA BYPASS AT HEAD BELOW CONTROL STRUCT

LOCATION: LAT 36-46-30, LONG 120-17-08, T13S, R15E, SEC. 25, MD B&M MADERA COUNTY

DRAINAGE AREA: 1699.9 SQ MILES HYDROLOGIC AREA: B-08.K0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	30
31	.0	--	.0	.0	--	.0	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MAX	--	--	--	--	--	--	--	--	--	--	--	--	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET													

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
.0	Mon Oct 01, 1984	15	.0	.00	Mon Oct 01, 1984	15	.0	.00	

REMARKS:

Station is located 100' downstream of the San Joaquin River Bifurcation structure on the Chowchilla Bypass.

Beginning with the 1983 water year 100 feet has been subtracted from all gage heights to accomodate computer processing of the flow. This has no effect on flow record. Unpublished record for the period 1967-1979 is available in San Joaquin District office. Flow at this site is controlled by the Lower San Joaquin Levee District.

This station operated in cooperation with the State Reclamation Board. No record of flow is available for gage heights less than 163.8 feet (120 cfs) due to lack of communication between channel and stilling well.

The datum for this station from 1967 to 1983 is .0, USCGS.
The datum for this station from 1984 to present is 100.0, USCGS.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1967:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		9500	172.30	Jun 11, 1969	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

ATION NUMBER: B07798 SAN JOAQUIN RIVER BELOW CONTROL STRUCTURE

CATION: LAT 36-46-24, LONG 120-17-10, T13S, R15E, SEC. 25, MD B&M MADERA COUNTY

AINAGE AREA: 1699.9 SQ MILES HYDROLOGIC AREA: B-08.K0

TER YEAR OCTOBER 1984 thru SEPTEMBER 1985

Y	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	29
	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	30
	.0	--	.0	.0	--	.0	--	.0	--	.0	.0	--	31
ILY													
AN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
X	--	--	--	--	--	--	--	--	--	--	--	--	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
RE													
ET													

AN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
.0					Mon Oct 01, 1984	15	.0	.00	

EMARKS:

tation located on right bank 100 feet downstream from Chowchilla Bypass.

egin with the 1983 WY 100 feet has been subtracted from all gage heights to accomodate computer processing of data. Flow levels less than 55.80 (375 cubic feet/second) are not recorded.

ecord computed by U.S. Bureau of Reclamation from Jan 1, 1967 to Aug 1967. Flows at this station result from flood releases from Friant am.

- Estimated. NR - No record. * - Discharge measurement or observation of no flow.

OR PERIOD OF RECORD BEGINNING 1967:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		3007	170.13	Fri Jun 13, 1969	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B00770 DELTA-MENDOTA CANAL TO MENDOTA POOL

LOCATION: LAT 36-47-12, LONG 120-23-10, T13S, R15E, SEC. 19, MD B&M FRESNO COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: B-06.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	1780	600	.0	.0	350	2550	897	1660	1750	2620	2210	1640	1
2	1760	425	.0	.0	300	2350	1150	1700	1680	2630	2210	1640	2
3	1760	350	.0	.0	300	2150	1330	1800	1600	2620	2210	1580	3
4	1750	350	.0	.0	350	2050	1250	1800	1690	2620	2210	1380	4
5	1820	350	.0	.0	450	2000	1140	1700	1800	2730	2380	1530	5
6	1820	112	.0	.0	500	2100	1150	1700	1800	2500	2330	1320	6
7	1720	50	.0	.0	500	2100	1250	1660	1750	2300	2400	1320	7
8	1560	50	.0	.0	450	2000	1360	1780	1700	2200	2170	1320	8
9	1580	50	.0	.0	400	1750	1400	1960	1810	2360	2180	1150	9
10	1560	50	.0	.0	500	1600	1310	1960	1960	2540	2180	1140	10
11	1360	50	.0	.0	700	1600	1150	1960	2170	2500	2180	1260	11
12	1360	100	.0	.0	900	1710	1150	1920	2270	2500	2100	1320	12
13	1300	150	.0	.0	1000	1740	1200	1840	2370	2530	2010	1300	13
14	1170	150	.0	.0	1000	1700	1390	1760	2550	2480	1930	1300	14
15	1130	150	.0	.0	1050	1700	1390	1650	2680	2540	2040	1300	15
16	984	150	.0	100	1100	1620	1360	1840	2690	2470	2030	1210	16
17	883	150	.0	300	1100	1500	1350	1840	2790	2440	2030	1290	17
18	841	150	.0	500	1200	1340	1410	1840	2940	2540	2020	1270	18
19	844	75	.0	600	1400	1320	1350	1840	2860	2600	1920	1330	19
20	844	.0	.0	600	1650	1360	1290	1780	2800	2600	1900	1560	20
21	847	.0	.0	500	1800	1410	1200	1700	2770	2600	1890	1560	21
22	899	.0	.0	400	1850	1450	1300	1680	2770	2540	1870	1590	22
23	1020	.0	.0	400	1000	1450	1460	1710	2770	2470	1670	1600	23
24	1060	.0	.0	400	2050	1470	1660	2090	2940	2380	1670	1710	24
25	1090	.0	.0	350	2200	1230	1650	2050	2930	2420	1670	1840	25
26	1000	.0	.0	300	2250	1100	1500	1920	2660	2580	2030	1920	26
27	936	.0	.0	300	2400	1000	1300	1820	2600	2570	2280	1840	27
28	823	.0	.0	300	2550	1050	1360	1830	2800	2570	2270	1840	28
29	786	.0	.0	350	--	1000	1430	1780	2900	2500	2140	1840	29
30	760	.0	.0	400	--	925	1580	1780	2820	2250	1760	1750	30
31	622	--	.0	400	--	863	--	1850	--	2210	1760	--	31
DAILY MEAN	1215	117	.0	200	1118	1587	1324	1813	2387	2497	2053	1488	
MAX	1820	600	--	600	2550	2550	1660	2090	2940	2730	2400	1920	
MIN	622	.0	.0	.0	300	863	897	1650	1600	2200	1670	1140	
ACRE FEET	74720	6966		12300	62080	97560	78780	111500	142100	153500	126200	88560	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
1318									954266

REMARKS:

Station is located approximately 2 miles north of Mendota, at Delta-Mendota Canal and Outside Canal.

Flow is measured by three Sparling meters located at siphon outlet.

Station is operated by the U.S. Bureau of Reclamation. Records for this station are published as received.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1948:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM	No instantaneous maximum data is available for this station.				

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B07710 SAN JOAQUIN RIVER NEAR MENDOTA

LOCATION: LAT 36-48-36, LONG 120-22-36, T13S, R15E, SEC. 07, MD B&M FRESNO COUNTY

DRAINAGE AREA: 4310.0 SQ MILES HYDROLOGIC AREA: B-06.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	EB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	177	114	50	37	59	267	200	361	404	501	522	246	1
2	179	152	50	35	61	281	216	363	376	518	519	235	2
3	175	112	50	35	63	285	228	334	349	516	514	239	3
4	170	112	48	35	63	281	244	313	328	514	511	244	4
5	170	112	45	35	64	272	226	315	323	522	509	246	5
6	168	111	46	35	66	267	203	317	328	544	511	241	6
7	168	102	46	35	68	268	202	326	330	542	511	241	7
8	172	92	48	35	69	272	205	338	328	537	501	244	8
9	170	89	48	35	69	257	232	336	347	529	480	244	9
10	170	87	48	34	69	241	261	351	382	546	463	244	10
11	172	84	48	37	71	232	266	367	406	537	463	235	11
12	170	84	46	37	72	232	263	372	428	522	469	234	12
13	168	81	45	37	83	234	255	382	449	520	469	234	13
14	168	79	45	40	182	234	277	380	490	514	461	234	14
15	170	77	43	40	219	259	298	374	501	501	451	234	15
16	177	77	43	40	219	300	305	384	555	486	445	235	16
17	165	76	42	42	221	307	305	398	597	482	445	237	17
18	158	72	42	43	221	307	292	392	608	499	436	237	18
19	161	71	41	45	221	300	263	382	617	511	422	234	19
20	163	68	40	46	226	283	257	386	622	522	400	230	20
21	163	66	40	46	243	285	257	380	613	529	369	228	21
22	163	64	40	48	261	294	259	388	613	548	351	234	22
23	161	63	38	48	261	298	274	406	622	546	309	234	23
24	161	59	38	51	261	307	281	402	629	526	294	234	24
25	161	59	38	53	264	300	285	404	638	503	290	250	25
26	160	58	38	53	264	277	303	418	645	509	285	255	26
27	160	56	38	55	261	232	317	430	635	529	281	270	27
28	160	55	37	56	263	202	317	426	622	531	283	276	28
29	157	53	37	58	--	186	324	420	613	535	277	266	29
30	156	51	37	59	--	189	341	416	597	533	266	244	30
31	139	--	37	59	--	193	--	414	--	524	261	--	31
DAILY MEAN	166	81.2	43.0	43.4	159	263	265	377	500	524	412	242	
MAX	179	152	50	59	264	307	341	430	645	581	522	276	
MIN	139	51	37	34	59	186	200	313	323	482	261	228	
ACRE FEET	10180	4832	2642	2666	8854	16150	15780	23160	29740	32240	25320	14400	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
257									185964

REMARKS:

Station located 2.5 miles downstream from Mendota Dam, on the left bank of the San Joaquin River.

Station is equipped with telemetry recorder accesaible through the Department of Water Resources Division of Flood Management. Summer flow at this station consists mainly of flow from Delta-Mendota Canal through Mendota Dam.

Station is operated by the U.S. Bureau of Reclamation. Records for this station are published as received. Flow regulated by upstream reservoirs.

The datum for this station from 1939 to 1953 is 142.5, USBR.
The datum for this station from 1954 to present is 140.5, USBR.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1939:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		11740	13.75	Fri Jun 20, 1941	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B07610 SAN JOAQUIN RIVER NEAR DOS PALOS

LOCATION: LAT 36-59-42, LONG 120-30-00, T11S, R13E, SEC. 12, MD B&M FRESNO COUNTY

DRAINAGE AREA: 5630.1 SQ MILES HYDROLOGIC AREA: B-06.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	10	.0	20	35	10	.0	13	13	.0	8.0	13	15	1
2	10	.0	20	35	10	9.0	13	13	.0	13	13	15	2
3	10	.0	20	35	10	13	13	13	5.0	5.0	8.0	15	3
4	10	.0	20	35	10	13	13	13	13	9.0	.0	15	4
5	10	.0	20	35	10	13	13	4.0	13	13	6.0	15	5
6	10	.0	20	35	10	8.0	13	6.0	13	13	4.0	15	6
7	10	.0	20	35	10	8.0	13	13	13	13	9.0	15	7
8	10	.0	20	35	10	8.0	13	13	13	13	9.0	15	8
9	10	.0	20	35	10	9.0	13	13	13	13	5.0	15	9
10	10	.0	20	35	10	6.0	13	13	13	13	13	15	10
11	10	.0	20	35	10	5.0	13	9.0	13	13	9.0	15	11
12	10	.0	20	35	10	13	13	.0	13	13	9.0	15	12
13	10	.0	20	35	10	13	13	.0	13	13	13	15	13
14	10	.0	20	35	10	13	13	.0	13	13	13	15	14
15	10	.0	20	35	10	13	13	.0	13	13	13	15	15
16	10	.0	25	50	10	13	13	5.0	13	13	13	16	16
17	10	.0	25	50	10	13	13	13	13	13	13	16	17
18	10	.0	25	50	10	13	13	13	13	13	13	16	18
19	10	.0	25	50	10	13	13	8.0	13	13	9.0	16	19
20	10	20	25	50	10	13	9.0	7.0	13	13	5.0	16	20
21	10	20	25	50	10	13	9.0	13	13	13	13	16	21
22	10	20	25	50	10	13	8.0	13	10	13	13	16	22
23	10	20	25	50	10	13	5.0	13	.0	13	8.0	16	23
24	10	20	25	50	10	13	13	13	5.0	13	4.0	16	24
25	10	20	25	50	10	13	13	13	5.0	13	8.0	16	25
26	10	20	25	50	10	13	13	13	.0	13	.0	16	26
27	10	20	25	50	10	13	13	4.0	4.0	13	.0	16	27
28	10	20	25	50	10	13	13	9.0	4.0	13	.0	16	28
29	10	20	25	50	--	5.0	13	13	.0	13	.0	16	29
30	10	20	25	50	--	.0	13	13	.0	13	.0	16	30
31	10	--	25	50	--	.0	--	10	--	13	.0	--	31
DAILY MEAN	10.0	7.3	22.6	42.7	10.0	10.3	12.3	9.5	8.9	12.5	7.6	15.5	
MAX	10	20	25	50	10	13	13	13	13	13	13	16	
MIN	10	.0	20	35	10	.0	5.0	.0	.0	5.0	.0	15	
ACRE FEET	615	436	1388	2628	555	631	732	587	530	766	468	922	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
14.2									10258

REMARKS:

Station is located 800 feet downstream from Temple Slough, 6.5 miles east of Dos Palos.

Most summer flows are diverted for irrigation purposes by Central California Irrigation District.

Station operated by the U.S. Bureau of Reclamation. Records for this station are published as received. Flow is regulated by upstream reservoirs.

The datum for this station from 1945 to present is 116.5, USED.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1934:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		8920	10.52	Tue Jun 24, 1941	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

ATION NUMBER: B67325 FRESNO RIVER, LEWIS FORK, NEAR OAKHURST

CATION: LAT 37-20-42, LONG 119-38-18, T07S, R21E, SEC. 02, MD B&M MADERA COUNTY

AINAGE AREA: HYDROLOGIC AREA: B-13.C0

TER YEAR OCTOBER 1984 through SEPTEMBER 1985

AY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	4.4*	8.8*	19	19	17	32	79 *	56 *	34	9.6	3.9	1.5	1
	4.2	8.5	17	19 *	20	36	82	54	37	8.9*	3.6*	1.6	2
	4.2	9.0	17	19	18	30	84	53	41	8.3	3.5	2.4*	3
	4.0	9.2	16 *	19	16 *	30 *	84	51	34 *	8.1	3.7	3.1	4
	4.1	9.6	15	19	17	29	77	50	30	7.9	3.8	2.5	5
	5.2	9.9	15	20	18	30	71	48	28	7.5	4.0	3.0	6
	5.3	12	15	37	18	33	67	46	25	7.0	3.9	3.1	7
	4.7	27	19	28	57	31	64	46	24	6.7	3.8	3.2	8
	4.8	15	18	24	61	31	59	44	22	6.0	4.1	3.7	9
	5.5	12	27	23	33	40	54	41	21	5.0	4.1	3.7	10
	8.1	12	25	22	28	77	51	40	19	4.6	3.9	3.2	11
	5.7	12	23	21	26	57	53	39	18	4.2	4.1	2.8	12
	5.0	29	21	21	27 *	48	57	36 *	18	3.7	3.2	2.5	13
	4.9	17 *	20	20	27	45	57	36	17	3.2	1.8	2.3	14
	4.7*	12	21	20	28	44	55	37	16	2.8	1.8*	2.6	15
	6.6	17	21	20 *	29	43	54	36	16	2.9	1.8	2.7	16
	14	15	18 *	19	30	43	68 *	37	14 *	2.5*	2.1	3.0*	17
	6.5	12	19	19	31	48 *	59	38	14	2.5	2.3	4.5	18
	6.5	12	22	21	32	44	56	37	14	2.2	2.1	4.1	19
	6.8	12	23	21	33	46	56	33	14	2.4	1.9	2.7	20
	6.3	19	21	22	30	51	56	33	15	2.7	1.9	2.5	21
	6.5	14	20	21	29	48	54	32	14	2.1	1.8	2.5	22
	6.7	13	19	20	29	48	55	31	13	2.5E*	1.6	2.6	23
	6.5	46	19	21	29	49	55	32	13	2.5E	1.6	2.4	24
	7.1	27	19	20	30	49	55	34	12	2.6E	1.5	2.3	25
	6.9	17	19	19	30	56	54	34	11	2.4E	1.5	2.3	26
	7.2	23	19	19	30	97	52	36	10	2.6E	1.5	2.7	27
	7.9	123	19	20	32	88	54	36	10	2.4E	1.5	3.5	28
	8.4	33	19	18		68	54	34	9.9	2.5E	1.6	3.3	29
	8.4	23	19	19		64	56	34	9.6	3.0E	1.6	3.4	30
	9.5		19	17		72		34		3.3E	1.7		31
AILY EAN	6.3	20.3	19.5	20.9	28.8	48.6	61.1	39.6	19.1	4.3	2.6	2.9	
AX	14	123	27	37	61	97	84	56	41	9.6	4.1	4.5	
IN	4.0	8.5	15	17	16	29	51	31	9.6	2.1	1.5	1.5	
CRE EET	390	1208	1196	1283	1597	2989	3634	2436	1138	267 E	161	170	

mmary Data for Water Year 1984-5

EAN FLOW	INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
22.7	November 28	0115	264	2.22	August 22	1730	1.4	1.00	16469

ATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

EMARKS:

tation is located in the town of Oakhurst, 500 downstream of White Oak Guest Home. Elevation of the station is approximately 2300 feet MSL.

low at this station includes flow diverted from the South Fork Merced River drainage via Big Creek Diversion.

tation has been operated by the Department of Water Resources since 1961.

he datum for this station from 1961 to present is .0, local.

OR PERIOD OF RECORD BEGINNING 1961:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		2490	5.70	Sunday April 11, 1982	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B67300 MIAMI CREEK NEAR OAKHURST

LOCATION: LAT 37-23-36, LONG 119-39-12, T06S, R21E, SEC. 22, MD B&M MADERA COUNTY

DRAINAGE AREA: 10.6 SQ MILES HYDROLOGIC AREA: B-13.C0

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	1.9*	2.6*	7.6	4.5	4.4	7.6	22	7.3	3.6	1.8	1.0	0.8	1
2	1.9	2.4	6.7	4.4	4.7	8.4	25	7.2	4.0	1.7*	1.0*	0.8	2
3	1.8	2.7	6.4	4.4	4.4	7.4	25	7.1	4.6	1.6	0.9	1.1*	3
4	1.8	2.8	5.7*	4.4	4.4	7.2	23	6.9	4.0*	1.7	0.9	1.4	4
5	1.8	2.7	5.6	4.6	4.4	7.2	21	6.7	3.7	1.6	0.9	1.5	5
6	1.5	2.8	5.6	5.2	4.5	7.3	18	6.3	3.6	1.6	0.9	1.5	6
7	1.0	3.0	5.4	9.0	4.6	7.5	18	6.3*	3.4	1.6	0.9	1.5	7
8	2.1	8.8	5.3	7.9	14	7.4	17	6.1	3.5	1.6	0.9	1.5	8
9	3.0	5.8	5.2	6.8	19	7.5	16	6.0	4.4	1.5	0.8	1.6	9
10	1.4	5.2	7.3	6.3	10	9.8	15	6.0	3.2	1.6	0.8	1.6	10
11	2.4	5.8	7.2	5.8	8.3	17	14	6.0	2.9	1.6	0.8	1.5	11
12	2.1	4.5	6.7	5.5	8.0	15	14	6.0	2.7	1.5	0.9	1.4	12
13	2.0	9.9	6.5	5.3	8.1*	14	13	5.9*	2.6	1.5	0.9	1.3	13
14	2.0	7.6*	5.7*	5.1	8.4	13	13	5.7	2.6	1.8	0.9	1.1	14
15	2.0	5.0	5.4	5.0	8.8	13	12	5.6	2.4	1.4	0.9*	1.1	15
16	3.4	6.4	5.7	4.9*	9.0	13	11	5.5	1.5	1.4	0.9	1.1	16
17	6.6	5.9	5.1	4.8	9.1	13	15	5.2	1.4*	1.4*	1.0	1.1*	17
18	4.0	4.9	5.2	4.8	9.0	13	13	5.2	1.8	1.3	1.2	1.8	18
19	4.0	4.7	5.5	5.0	9.0	11	11	5.0	2.1	1.3	1.0	2.0	19
20	4.0	4.4	5.4	5.0	8.9	11	11	4.9	2.1	1.3	1.0	1.4	20
21	3.5	6.2	5.1	5.0	8.1	12	10	4.5	2.0	1.3	0.9	1.3	21
22	3.2	5.2	5.1	4.9	7.8	11	9.9	3.9	2.0	1.3	0.9	1.2	22
23	3.1	4.8	5.0	4.8	7.6	11	9.6	3.7	2.1	1.1	0.9	1.1	23
24	3.0	14	5.0	4.8	7.6	11	9.3	3.6	2.0	1.1	0.9	1.1	24
25	2.8	9.3	5.0	4.8	7.7	11	8.9	3.7	2.0	1.1	0.9	1.2	25
26	2.8	6.4	4.9	4.7	7.8	10	8.5	3.8	1.9	1.1	0.8	1.2	26
27	2.8	10	4.8	4.7	7.6	16	8.1	3.7	1.8	1.0	0.8	1.2	27
28	2.8	46	4.8	4.7	7.5	15	7.8	2.2	1.8	1.0	0.8	1.4	28
29	2.8	14	4.7	4.6		13	7.6	3.7	1.8	1.0	0.8	1.4	29
30	2.8	9.5	4.6	4.5		13	7.6	3.5	1.8	1.0	0.8	1.4	30
31	2.8		4.6	4.4		16		3.5		1.0	0.8		31
DAILY MEAN	2.7	7.4	5.6	5.2	8.0	11.3	13.8	5.2	2.6	1.4	0.9	1.3	
MAX	6.6	46	7.6	9.0	19	17	25	7.3	4.6	1.8	1.2	2.0	
MIN	1.0	2.4	4.6	4.4	4.4	7.2	7.6	2.2	1.4	1.0	0.8	0.8	
ACRE FEET	165	443	343	319	442	693	822	319	157	85	55	79	

Summary Data for Water Year 1984-5

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
5.4	November 28	0030	110	4.45	August 30	1500	0.6	2.38	3922

WATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

REMARKS:

Station is located 4.5 north of Oakhurst, 150 downstream from Forest Road 6S15. Miami Creek is tributary to the Fresno River.

Stage-discharge relationship sometimes affected by ice.

Station is at elevation of approximately 3500 feet MSL.

The datum for this station from 1959 to present is .0, local.

FOR PERIOD OF RECORD BEGINNING 1960:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		804	9.08	Friday February 1, 1963	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

'ATION NUMBER: B67285 MIAMI CREEK AT HIGHWAY 49 NEAR AHWAHNEE

XCATION: LAT 37-20-54, LONG 119-43-00, T07S, R21E, SEC. 06, MD B&M MADERA COUNTY

RAINAGE AREA: 31.6 SQ MILES HYDROLOGIC AREA: B-13.C0

ATER YEAR OCTOBER 1984 through SEPTEMBER 1985

AY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	2.5*	2.9*	0.9	6.9	6.2	9.0	44 *	9.5*	3.8	1.3	0.6	0.0	1
2	2.6	3.3	3.1	7.0*	7.3	12	35	10	4.3	1.1*	0.5*	0.0	2
3	2.7	3.7	5.8	7.1	6.6	11	19	9.9	5.5	0.6	0.6	0.5*	3
4	2.6	4.1	8.5*	7.2	6.2*	11 *	18	8.4	5.2*	0.3	0.6	1.2	4
5	2.5	4.6	9.8	7.4	7.3	12	15	8.1	4.5	0.4	0.8	2.3	5
6	2.5	4.9	13	7.8	8.8	14	13	7.6	3.2	0.2	0.9	2.6	6
7	2.3	6.1	17	13	10	18	13	7.8	2.7	0.1	1.0	3.0	7
8	1.9	11	19	12	33	17	12	7.5	2.2	0.3	1.1	3.7	8
9	2.7	9.5	18	9.1	41	16	12	6.8	2.9	0.4	1.1	3.7	9
0	2.5	7.6	20	8.0	18	20	12	6.9	1.8	0.3	1.2	4.1	10
1	2.8	9.2	16	7.3	14	33	13	7.6	1.2	0.3	1.1	3.8	11
2	3.1	9.2	12	7.1	14	27	16	7.8	1.8	0.3	1.3	3.5	12
3	2.7	12	10	7.2	15 *	22	15	7.5*	1.3	0.2	1.6	2.0	13
4	2.1	11 *	7.8	7.3	14	20	15	6.5	1.1	0.2	1.9	0.0	14
5	2.1*	9.0	7.4	7.6	13	19	15	5.8	1.1	0.3	2.2	0.0	15
6	2.9	12	7.5	7.6*	12	18	14	6.6	1.4	0.4	2.4	0.1	16
7	4.3	16	5.3*	7.8	11	18	24 *	6.2	1.1*	0.5*	2.9	0.6*	17
8	3.0	16	5.9	7.8	10	20 *	19	6.3	1.4	0.6	3.5	1.4	18
9	2.9	18	6.7	7.9	9.5	19	14	6.0	0.3	0.5	2.5	2.6	19
0	2.0	22	6.9	7.7	9.5	18	13	6.6	0.5	0.5	0.0	2.0	20
1	1.2	33	5.9	7.6	8.6	19	14	7.0	0.4	0.5	0.1	0.7	21
2	1.3	36	6.0	7.4	7.6	18	13	5.3	0.7	0.6	0.0	0.1	22
3	1.3	38	5.8	7.1	7.2	18	13	3.6	0.9	0.6	0.0	0.2	23
4	1.6	39	5.8	6.7	6.9	18	12	4.3	1.6	0.6	0.0	0.3	24
5	1.6	1.3	6.1	6.6	7.0	20	12	3.9	2.1	0.7	0.2	0.2	25
6	1.7	0.5	6.5	6.7	7.1	25	12	3.8	1.6	0.7	0.6	0.3	26
7	1.9	8.6	6.6	6.9	7.1	74	12	3.8	1.4	0.6	1.1	0.4	27
8	2.1	21	6.7	7.1	7.8	68	11	3.1	1.3	0.6	1.6	0.4	28
9	2.3	1.0	6.7	6.9		43	11	3.0	1.1	0.8	1.6	0.6	29
0	2.4	0.3	6.6	6.8		35	9.5	3.3	1.1	0.6	0.9	0.7	30
1	2.8		6.9	6.6		37		2.9		0.6	0.1		31
AILY													
EAN	2.4	12.4	8.7	7.7	11.6	23.5	15.7	6.2	2.0	0.5	1.1	1.4	
AX	4.3	39	20	13	41	74	44	10	5.5	1.3	3.5	4.1	
IN	1.2	0.3	0.9	6.6	6.2	9.0	9.5	2.9	0.3	0.1	0.0	0.0	
CRE EET	145	735	536	470	646	1446	933	384	118	31	67	81	

ummary Data for Water Year 1984-5

EAN FLOW	INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
7.7	March 27	0415	100	6.11	June 18	1900	0.0	4.23	5592

ATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

EMARKS:

tation is located on the left bank, 4.0 miles west of Oakhurst on Highway 49.

tage-discharge relationship is affected by beaver dams.

tation is at elevation 2030 feet MSL.

he datum for this station from 1969 to present is .0, local.

OR PERIOD OF RECORD BEGINNING 1969:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		1940	11.43	Sunday January 13, 1980	2215

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B06725 FRESNO RIVER 8 MILES WEST OF MADERA

LOCATION: LAT 36-58-31, LONG 120-12-04, T11S, R16E, SEC. 15, MD B&M MADERA COUNTY

DRAINAGE AREA: 272.2 SQ MILES HYDROLOGIC AREA: B-08.K0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	30
31	.0	--	.0	.0	--	.0	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MAX	--	--	--	--	--	--	--	--	--	--	--	--	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET													

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
.0									

REMARKS:

Station located on left bank 100 feet downstream from County Road 19.

Station is operated by Madera Irrigation District. Records for this station are published as received.

The datum for this station from 1936 to present is .0, local.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1936:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM	No instantaneous maximum data is available for this station.				

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

TATION NUMBER: B64300 CHOWCHILLA RIVER,WEST FORK,NEAR MARIPOSA

OCATION: LAT 37-25-14, LONG 119-52-25, T06S, R19E, SEC. 10, MD B&M MARIPOSA COUNTY

RAINAGE AREA: 33.6 SQ MILES HYDROLOGIC AREA: B-13.A1

ATER YEAR OCTOBER 1984 through SEPTEMBER 1985

AY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	0.0*	0.8*	5.0	3.1	3.4	4.2*	21	4.1	2.3	0.0	0.0	0.0	1
2	0.0	0.8	4.1	3.1	4.3	5.7	17 *	3.9*	2.8	0.0	0.0	0.0	2
3	0.0	0.8	3.8	3.0	4.1	5.8	15	3.8	2.8	0.0	0.0	0.0	3
4	0.0	0.8	3.5*	3.0*	3.6*	5.1	13	3.7	2.1*	0.0	0.0	0.0	4
5	0.0	0.9	3.2	2.9	3.3	4.9	12	3.7	1.5	0.0	0.0	0.0	5
6	0.0	1.0	2.9	3.1	3.4	7.4	9.6	3.5	1.2	0.0	0.0	0.0	6
7	0.0	1.0	2.8	5.6	3.4	22	8.2	3.4	0.9	0.0	0.0	0.0	7
8	0.0	3.4	2.5	8.1	282	17	8.0	3.3	0.7	0.0	0.0	0.0	8
9	0.0	3.6	2.4	4.9	110	15	7.6	3.0	0.5	0.0	0.0	0.0	9
0	0.0	2.0	3.5	4.2	29	16	7.3	3.1	0.4	0.0	0.0	0.0	10
1	0.0	1.6	4.0	3.8	18	31	6.8	3.3	0.3	0.0	0.0	0.0	11
2	0.0	1.5	3.2	3.7	14	34	6.4	3.2	0.2	0.0	0.0	0.0	12
3	0.0	3.2	3.0	3.4	11	19	5.8	2.9	0.1	0.0	0.0	0.0	13
4	0.0	3.8*	2.5	3.2	9.4*	15	5.4	2.5*	0.1	0.0	0.0	0.0	14
5	0.0	2.4	3.4	3.1	8.3	12	5.3	2.2	0.0	0.0	0.0	0.0	15
6	0.0*	3.1	4.6	3.1*	7.7	10	5.3	2.2	0.0	0.0	0.0	0.0	16
7	0.0	3.0	3.8*	3.0	7.1	8.8	14 *	2.2	0.0	0.0	0.0	0.0	17
8	1.1	2.4	3.5	2.9	6.4	11 *	9.1	2.2	0.0*	0.0	0.0	0.0	18
9	0.8	2.1	4.5	2.9	6.0	11	7.0	2.3	0.0	0.0	0.0	0.0	19
0	0.7	1.9	4.7	2.9	6.0	8.2	6.3	2.2	0.0	0.0	0.0	0.0	20
1	0.6	2.4	4.7	2.8	5.6	6.9	6.4	2.2	0.0	0.0	0.0	0.0	21
2	0.7	2.8	4.3	2.8	5.2	5.9	5.9	2.2	0.0	0.0	0.0	0.0	22
3	0.6	2.3	4.1	2.7	5.0	5.3	5.7	2.1	0.0	0.0	0.0	0.0	23
4	0.6	5.2	3.8	3.0*	4.9	4.6	5.2	2.1	0.0	0.0	0.0	0.0	24
5	0.6	8.9	3.6	3.2	4.8	4.2	5.0	2.0	0.0	0.0	0.0	0.0	25
6	0.6	3.9	3.5	3.2	4.7	6.8	4.7	2.0	0.0	0.0	0.0	0.0	26
7	0.6	6.1	3.5	3.2	4.5	85	4.8	2.2	0.0	0.0	0.0	0.0	27
8	0.7	72	3.3	3.4	4.3	125	4.4	2.2	0.0	0.0	0.0	0.0	28
9	0.7	13	3.2	3.8		42	4.2	2.2	0.0	0.0	0.0	0.0	29
0	0.8	6.5	3.1	3.7		28	4.1	2.2	0.0	0.0	0.0	0.0	30
1	0.8		3.1	3.4		24		2.2		0.0	0.0		31
AILY EAN	0.3	5.4	3.6	3.5	20.7	19.4	8.0	2.7	0.5	0.0	0.0	0.0	
AX	1.1	72	5.0	8.1	282	125	21	4.1	2.8	0.0	0.0	0.0	
IN	0.0	0.8	2.4	2.7	3.3	4.2	4.1	2.0	0.0	0.0	0.0	0.0	
CRE EET	20	324	220	215	1149	1192	477	167	32	0	0	0	

ummary Data for Water Year 1984-5

EAN FLOW	INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
5.2	February 8	1730	827	5.93	October 1	0015	0.0	2.07	3796

ATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

EMARKS:

tation located on left bank, 15 feet downstream of Indian Peak Rd, 6.7 miles southeast of Mariposa.

his station has no upstream impairments.

he datum for this station from 1957 to present is .0, local.

OR PERIOD OF RECORD BEGINNING 1957:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		7700	10.80	Wednesday December 22, 1982	1730

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B00435 EASTSIDE BYPASS NEAR EL NIDO

LOCATION: LAT 37-08-54, LONG 120-36-18, T09S, R12E, SEC. 13, MD B&M MERCED COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: B-08.00

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	30
31	.0	--	.0	.0	--	.0	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MAX	--	--	--	--	--	--	--	--	--	--	--	--	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET													

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
.0					Mon Oct 01, 1984	15	.0	.00	

REMARKS:

Station is located on the left bank 2.8 miles north of Washington Road, 6.4 miles west of El Nido.

Station is equipped with telemetry recorder accessible through the Department of Water Resources Division of Flood Management.

Station records flood releases diverted to the Eastside Bypass from the San Joaquin, Fresno, Chowchilla and Kings Rivers.

The datum for this station from 1964 to present is 90.0, USGS BM.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1964:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		21700	17.58	Tue Feb 25, 1969	1030

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STION NUMBER: B00416 EASTSIDE BYPASS BELOW MARIPOSA BYPASS

LATION: LAT 37-12-22, LONG 120-41-47, T08S, R12E, SEC. 30, MD B&M MERCED COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: B-08.00

TER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.0	18	15	7.8	6.1*	.0*	.0	.0	.0	.0	.0	.0
2	.0	15 *	13	7.4	6.1	.0	.0	.0	.0	.0	.0	.0
3	.0	12	15 *	7.1	6.2	.0	.0	.0	.0	.0	.0	.0
4	.0	11	37	6.7*	6.3	.0	.0	.0	.0	.0	.0	.0
5	34 E	11	42	6.9	6.5	.0	.0	.0	.0	.0	.0	.0
6	45 E	11	33	7.4	6.6	.0	.0	.0	.0	.0	.0	.0
7	53 E	11	24	8.0	7.9	.0	.0	.0	.0	.0	.0	.0
8	57 E	12	18	8.5	7.4	.0	.0	.0	.0	.0	.0	.0
9	61 E	13	15	9.0	20	.0	.0	.0	.0	.0	.0	.0
10	65 E	14	15	9.5	214	.0	.0	.0	.0	.0	.0	.0
11	76 E	15	15	9.9	309	.0	.0	.0	.0	.0	.0	.0
12	87 E	17	15	10	178	.0	.0	.0	.0	.0	.0	.0
13	115 E	15 *	16	11	70	.0	.0	.0	.0	.0	.0	.0
14	130 E	15	12	11	40 *	.0	.0	.0	.0	.0	.0	.0
15	137 E	17	11	11	31	.0	.0	.0	.0	.0	.0	.0
16	140 E	19	11	11	29	.0	.0	.0	.0	.0	.0	.0
17	141 E*	20	16	20 *	18	.0	.0	.0	.0	.0	.0	.0
18	136	21	18 *	33	13	56 *	.0	.0	.0	.0	.0	.0
19	135	13	21	20	11	124	.0	.0	.0	.0	.0	.0
20	131	9.4	22	12	11	115	.0	.0	.0	.0	.0	.0
21	128	9.3	20	11	11	113	.0	.0	.0	.0	.0	.0
22	127	9.2	17	10	11	104	.0	.0	.0	.0	.0	.0
23	126	9.3	13	9.5	11	95	.0	.0	.0	.0	.0	.0
24	114	9.3	11	9.2	9.6	101	.0	.0	.0	.0	.0	.0
25	86	9.4	11	8.9	8.8	71	.0	.0	.0	.0	.0	.0
26	73	9.8	11	8.6	8.2	.0	.0	.0	.0	.0	.0	.0
27	55	11	10	8.0	6.9	.0	.0	.0	.0	.0	.0	.0
28	45	13	9.7	7.6	4.9	.0	.0	.0	.0	.0	.0	.0
29	30	19	9.3	7.3	--	.0	.0	.0	.0	.0	.0	.0
30	24	23	8.8	6.9	--	.0	.0	.0	.0	.0	.0	.0
31	22	--	8.4	6.4	--	.0	--	.0	--	.0	.0	--
TOTAL	76.5	13.7	16.6	10.3	38.2	25.1	.0	.0	.0	.0	.0	.0
MAX	141	23	42	33	309	124	--	--	--	--	--	--
MIN	.0	9.2	8.4	6.4	4.9	.0	.0	.0	.0	.0	.0	.0
ACRE FEET	4707	817	1018	636	2119	1545						

AN FLOW

INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
15.0	Mon Feb 11, 1985	15	314	86.61	Mon Oct 01, 1984	15	.0	83.50	10842

MARKS:

ation is located on right bank 0.3 miles downstream of bifurcation structure.

ation is operated in cooperation with the Reclamation Board.

e datum for this station from 1980 to present is .0, USCGS.

- Estimated. NR - No record. * - Discharge measurement or observation of no flow.

R PERIOD OF RECORD BEGINNING 1979:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		10700	97.04	Thu Mar 03, 1983	15

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B00420 MARIPOSA BYPASS NEAR CRANE RANCH NEAR MERCED

LOCATION: LAT 37-12-06, LONG 120-41-42, T08S, R12E, SEC. 30, MD B&M MERCED COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: B-08.60

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.0	.0	--	.0	.0	.0	.0	.0	.0	.0	30
31	.0	--	.0	.0	--	.0	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MAX	--	--	--	--	--	--	--	--	--	--	--	--	
MIN	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET													

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
.0					Mon Oct 01, 1984	15	.0	.00	

REMARKS:

Station is located on left bank 0.1 miles downstream of bifurcation structure.

Discharge measurements available in the San Joaquin District office for period 1966-67.

This station monitors flows diverted from the Eastside Bypass. Station is operated in cooperation with Reclamation Board.

The datum for this station from 1966 to present is .0, USCGS.

E - Estimated. MR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1962:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		9970	96.82	Thu Mar 03, 1983	15

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B06114 OWENS CREEK BELOW EASTSIDE CANAL NEAR CRANE RANCH
RH

LOCATION: LAT 37-13-09, LONG 120-41-53, T08S, R12E, SEC. 19, MD B&M MERCED COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: B-08.G0

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	91	0.0	4.6	2.5	2.3*	0.4*	95	0.0N	33	13	0.7*	3.5	1
	90 *	0.0*	4.4	2.4	3.1	0.3	55 *	0.0N*	48	8.0*	0.8	3.6	2
	80	0.0	5.9*	2.3*	3.5	0.3	18	0.0N	82 *	4.3	1.0	4.3	3
	51	0.0	7.3	2.4	3.3	0.2	8.2	0.0N	123	4.1	1.3	10	4
	37	0.0	7.0	2.6	3.8	0.2	7.2	0.0N	128	3.9	1.5	13	5
	39	0.0	6.2	2.7	3.8	0.2	7.0	0.0N	102	3.7	1.9	12	6
	39	0.0	5.5	3.1	5.5	0.2	7.1	0.0N	72	3.5	2.1	19	7
	43	0.1	5.1	3.8	4.7	0.6	14	0.0N	38	3.3	2.2	20	8
	42	0.2	4.7	3.8	19	5.5	16	0.0N	12	3.2	4.1	20	9
1	39	0.0	5.4	3.8	82	12	6.5	0.0N	9.3	3.1	6.6	22	10
1	46	0.0	6.6	3.9	83	35	5.8	0.0N	7.7	3.0	13	27	11
1	56	0.0	6.6	4.1	36	56	5.5	0.0N	6.9	2.7	11	29	12
1	57	0.0*	5.6	4.2	11	29	5.0	0.0N*	6.4	2.6	11	28	13
1	65	0.0	4.7	4.4	8.5*	19	4.4	0.0N	6.2	2.5	11 *	42	14
1	72	0.0	5.5	4.5	7.6	13	4.0	14	6.1	4.0	8.5	46	15
1	69 *	0.1	7.8	4.7	6.7	13	3.0	20	5.9	4.9*	5.1	51	16
1	73	0.1	12	11 *	5.8	13	4.8	23	5.8	6.1	5.3	57	17
1	60	0.2	10 *	12	5.2	7.8	11 *	13	5.6*	7.1	7.7	58	18
1	54	3.9	8.4	7.8	4.7	0.6*	7.3	15	5.3	8.6	12	48	19
2	50	6.1	7.3	5.9	4.9	0.5	3.9	32	5.2	10	12	49	20
2	39	6.2	6.4	5.3	3.6	0.4	7.8	29	5.1	14	12	57	21
2	39	6.5	5.9	4.7	3.5	0.2	14	26	4.9	17	13	71	22
2	42	6.1	5.3	4.3	2.7	0.2	6.0	18	4.8	9.5	9.1	76	23
2	21	6.3	4.6	4.1	1.9	0.1	2.4	16	4.6	4.0	18	74	24
2	12	6.8	4.2	3.6	0.9	0.4	4.8	28	4.6	2.0	28	66	25
2	8.4	3.2	3.8	3.3	0.4	7.3	0.0N	34	4.4	1.5	29	47	26
2	7.3	0.3	3.4	3.1	0.6	20	0.0N	38	4.2	1.2	23	24	27
2	3.9	3.2	3.3	3.0	0.4	43	0.0N	38	6.3	1.4	13	19	28
2	1.5	8.3	3.1	3.0		113	0.0N	32	6.6	1.8	6.5	24	29
3	0.5	6.8	2.9	2.7		150	0.0N	32	12	0.9	3.7	46	30
3	0.2		2.6	2.5		148		29		0.7	3.3		31
DLY MN	42.8	2.1	5.7	4.2	11.4	22.2	10.8	14.1	25.5	5.0	8.9	35.5	
M	91	8.3	12	12	83	150	95	38	128	17	29	76	
M	0.2	0.0	2.6	2.3	0.4	0.1	0.0	0.0	4.2	0.7	0.7	3.5	
AE FT	2634	128	349	261	632	1367	0 N	0 N	1519	309	550	2115	

Smary Data for Water Year 1984-5

MN FLOW	INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
5.7	March 30	2330	175	85.63	April 25	1945	0.0	82.22	9864

WER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

MARKS:

Stion is located on the right bank 0.1 mile downstream of Eastside Canal.

Stion is subject to backwater and reverse flow from Eastside Bypass. Property owner installs dams to prevent backflow at times.

Rord was installed January 17, 1980. Staff gage readings and discharge measurement data available in San Joaquin District office.

T datum for this station from 1966 to present is .0, USCGS.

F PERIOD OF RECORD BEGINNING 1979:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		2080	95.35	Saturday January 29, 1983	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B62410 STOCKTON CREEK AT HIGHWAY 49 NEAR MARIPOSA

LOCATION: LAT 37-28-10, LONG 119-56-55, T05S, R18E, SEC. 25, MD B&M MARIPOSA COUNTY

DRAINAGE AREA: 9.4 SQ MILES HYDROLOGIC AREA: B-12.00

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	0.0*	0.3E	0.9E	0.4	0.3	0.5*	3.9	0.4	0.1	0.0	0.0	0.0	1
2	0.0	0.2E*	0.7E	0.4	0.5	0.7	2.8*	0.4*	0.2	0.0	0.0	0.0	2
3	0.0	0.2E	0.6E	0.4	0.4	0.6	2.1	0.4	0.2	0.0	0.0	0.0	3
4	0.0	0.2E	0.3*	0.5*	0.4	0.5	2.0	0.4	0.1*	0.0	0.0	0.0	4
5	0.0	0.2E	0.3	0.5	0.3*	0.5	2.0	0.4	0.1	0.0	0.0	0.0	5
6	0.0	0.3E	0.3*	0.4	0.3	0.6	1.6	0.4	0.0	0.0	0.0	0.0	6
7	0.0	0.3E	0.3	0.8	0.4	2.9	1.8	0.4	0.0	0.0	0.0	0.0	7
8	0.0	0.6E	0.3	0.8	81	1.6	1.6	0.4	0.0E	0.0	0.0	0.0	8
9	0.0	0.7E	0.3	0.5	35	1.2	1.9	0.4	0.0	0.0	0.0	0.0	9
10	0.0	0.5E	0.5	0.4	8.6	1.9	1.9	0.4	0.0	0.0	0.0	0.0	10
11	2.4	0.4E	0.4*	0.4	4.7	3.2	1.4	0.5	0.0	0.0	0.0	0.0	11
12	1.7	0.4E	0.4	0.4	2.8	1.5	0.7	0.5	0.0	0.0	0.0	0.0	12
13	0.9	0.6E	0.4*	0.4	2.1	1.1	0.8	0.4	0.0	0.0	0.0	0.0	13
14	0.4	0.7E*	0.4	0.3	1.9*	1.1	0.9	0.4*	0.0	0.0	0.0	0.0	14
15	0.3	0.5E	0.6	0.3	1.5	1.4	0.9	0.4	0.0	0.0	0.0	0.0	15
16	0.7*	0.6E	1.0	0.3*	1.2	1.1	0.6	0.3	0.0	0.0	0.0	0.0	16
17	2.0	0.6E	0.7	0.4	1.2	1.2	2.2*	0.3	0.0	0.0	0.0	0.0	17
18	0.8	0.6E	0.6*	0.4	1.5	2.0*	1.1	0.3	0.0*	0.0	0.0	0.0	18
19	0.6	0.5E*	0.8*	0.4	1.3	1.2	0.6	0.3	0.0	0.0	0.0	0.0	19
20	0.5	0.4E	0.8*	0.3	1.0	0.8	0.5	0.2	0.0	0.0	0.0	0.0	20
21	0.4	0.6E*	0.8	0.4	1.1	1.2E	0.6	0.2	0.0	0.0	0.0	0.0	21
22	0.4	0.6E	0.6	0.5	0.7	1.2E	0.8	0.2	0.0	0.0	0.0	0.0	22
23	0.4	0.5E	0.5	0.5	0.7	1.3E	0.6	0.2	0.0	0.0	0.0	0.0	23
24	0.4	1.0E	0.5*	0.4	0.7	1.3E	0.4	0.1	0.0	0.0	0.0	0.0	24
25	0.4	1.3E	0.4	0.3	0.6	1.3E	0.4	0.1	0.0	0.0	0.0	0.0	25
26	0.4	0.8E	0.3*	0.3	0.7	2.9E	0.4E	0.1	0.0	0.0	0.0	0.0	26
27	0.3	0.5E*	0.3	0.3	0.8	38 E*	0.4E	0.1	0.0	0.0	0.0	0.0	27
28	0.3	7.6E	0.4*	0.4	0.8	65 *	0.4E	0.1	0.0	0.0	0.0	0.0	28
29	0.3	1.6E	0.4	0.4		13	0.4E	0.1	0.0	0.0	0.0	0.0	29
30	0.3	1.1E	0.4	0.3		7.4	0.4E	0.1	0.0	0.0	0.0	0.0	30
31	0.3		0.4	0.3		5.1		0.1		0.0	0.0		31
DAILY MEAN	0.5	0.8	0.5	0.4	5.4	5.3	1.2	0.3	0.0	0.0	0.0	0.0	
MAX	2.4	7.6	1.0	0.8	81	65	3.9	0.5	0.2	0.0	0.0	0.0	
MIN	0.0	0.2	0.3	0.3	0.3	0.5	0.4	0.1	0.0	0.0	0.0	0.0	
ACRE FEET	28	48 E	31	25	302	324 E	72 E	18	1	0	0	0	

Summary Data for Water Year 1984-5

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
1.2	February 8	1830	362	3.09	June 7	1615	0.0	0.97	849

WATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

REMARKS:

Station is located on the left bank 100 feet upstream of State Highway 49.

Cement bag control was removed and replaced by a concrete control December 1, 1984.

Station is operated in cooperation with Mariposa County Water Agency. Maximum flow of record based on extended rating curve above highest measurement.

The datum for this station from 1980 to present is .0, local.

FOR PERIOD OF RECORD BEGINNING 1979:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		2160	4.43	Sunday January 13, 1980	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

ATION NUMBER: B62400 MARIPOSA CREEK NEAR CATHEYS VALLEY

CATION: LAT 37-23-56, LONG 120-00-10, T06S, R18E, SEC. 21, MD B&M MARIPOSA COUNTY

AINAGE AREA: 65.7 SQ MILES HYDROLOGIC AREA: B-13.A1

TER YEAR OCTOBER 1984 through SEPTEMBER 1985

Y	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	0.0	1.3	11	5.4	4.1	6.7*	32	3.9	0.0	0.0	0.0	0.0	1
	0.0	1.5*	9.6	5.3	6.6	9.6	25 *	3.6*	0.1	0.0*	0.0*	0.0	2
	0.0	1.6	8.9	5.1	7.1	10	21	3.4	0.8	0.0	0.0	0.0	3
	0.0	1.5	8.4*	4.9*	6.1	7.9	19	3.2	1.1*	0.0	0.0	0.0	4
	0.0	1.4	7.0	4.9	5.2*	7.1	17	3.2	0.2	0.0	0.0	0.0*	5
	0.0	1.6	6.2	5.0	4.9	8.2	15	2.9	0.0	0.0	0.0	0.0	6
	0.0	1.6	5.7	6.9	5.0	36	14	2.9	0.0	0.0	0.0	0.0	7
	0.0	7.7	5.1	10	581	29	13	2.8	0.0	0.0	0.0	0.0	8
	0.0	11	4.9	7.6	240	18	12	2.7	0.0	0.0	0.0	0.0	9
	0.0	4.2	7.6	6.6	60	20	12	2.7	0.0	0.0	0.0	0.0	10
	0.0	2.8	10	6.1	37	40	11	2.2	0.0	0.0	0.0	0.0	11
	0.0	2.0	7.2	5.7	26	28	10	1.2	0.0	0.0	0.0	0.0	12
	0.0	7.0	6.1	5.4	21	20	9.9	1.3	0.0	0.0	0.0	0.0	13
	0.0	6.5*	5.4	5.2	18 *	17	9.6	2.2*	0.0	0.0	0.0	0.0	14
	0.0	4.0	7.4	5.0	16	15	9.2	1.7	0.0	0.0	0.0	0.0	15
	0.0	6.4	16	4.9*	14	13	9.1	1.5	0.0	0.0	0.0	0.0	16
	0.2*	7.7	14	4.7	13	12	17 *	1.4	0.0	0.0	0.0	0.0	17
	1.7	6.4	11 *	4.6	12	26 *	15	1.4	0.0*	0.0	0.0	0.0	18
	1.4	5.5	13	4.6	11	23	11	1.2	0.0	0.0	0.0	0.0	19
	1.0	4.5	15	4.5	11	17	9.8	1.0	0.0	0.0	0.0	0.0	20
	0.8	4.8	13	4.4	10	15	9.3	0.7	0.0	0.0	0.0	0.0	21
	0.6	5.1	11	4.4	9.6	13	9.1	0.5	0.0	0.0	0.0	0.0	22
	0.7	4.4	9.5	4.4	8.9	12	8.3	0.3	0.0	0.0	0.0	0.0	23
	0.6	12	8.6	4.3	8.3	12	7.5	0.2	0.0	0.0	0.0	0.0	24
	0.6	22	8.1	4.0	8.0	11	6.6	0.3	0.0	0.0	0.0	0.0	25
	0.6	11	7.5	3.9	7.5	13	6.1	0.1	0.0	0.0	0.0	0.0	26
	0.6	8.5	7.1	3.9	7.2	156	5.8	0.0	0.0	0.0	0.0	0.0	27
	0.8	152	6.6	4.3	7.0	296	5.3	0.0	0.0	0.0	0.0	0.0	28
	1.0	30	6.3	5.0		93	4.7	0.0	0.0	0.0	0.0	0.0	29
	1.1	15	5.9	4.6		55	4.1	0.0	0.0	0.0	0.0	0.0	30
	1.1		5.6	4.3		41		0.0		0.0	0.0		31
AILY													
EAN	0.4	11.7	8.7	5.2	41.6	34.9	11.9	1.6	0.1	0.0	0.0	0.0	
AX	1.7	152	16	10	581	296	32	3.9	1.1	0.0	0.0	0.0	
IN	0.0	1.3	4.9	3.9	4.1	6.7	4.1	0.0	0.0	0.0	0.0	0.0	
RE ET	25	696	533	317	2312	2143	711	96	4	0	0	0	

ummary Data for Water Year 1984-5

EAN FLOW	INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
9.4	February 8	1700	1610	8.04	October 10	1000	0.0	1.46	6837

ATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

EMARKS:

tation is located on White Rock Road bridge, 5.6 miles east of Catheys Valley School.

aximum flow record from a rating curve extended above 4705 cubic feet/second measurement.

he datum for this station from 1958 to present is .0, local.

OR PERIOD OF RECORD BEGINNING 1958:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		7460	11.63	Monday February 24, 1969	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B62100 MARIPOSA CREEK BELOW MARIPOSA DAM

LOCATION: LAT 37-16-54, LONG 120-09-42, T07S, R16E, SEC. 36, MD B&M MARIPOSA COUNTY

DRAINAGE AREA: 110.0 SQ MILES HYDROLOGIC AREA: B-13.A1

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	14	8.8	8.0	9.2	21	6.8	3.7	.0	.0	.0	1
2	.0	.0	14	8.4	8.4	9.2	18	6.8	3.9	.0	.0	.0	2
3	.0	.0	13	8.4	8.8	9.6	16	6.8	3.9	.0	.0	.0	3
4	.0	.0	12	8.4	10	10	14	6.6	3.8	.0	.0	.0	4
5	.0	.0	10	8.4	11	9.6	14	6.6	3.5	.0	.0	.0	5
6	.0	.0	10	8.0	9.2	9.2	13	6.6	3.3	.0	.0	.0	6
7	.0	.0	10	8.0	9.6	9.6	12	6.6	2.8	.0	.0	.0	7
8	.0	.0	10	11	66	16	12	6.4E	1.9	.0	.0	.0	8
9	.0	.0	10	13	511	17	11	6.2E	.9	.0	.0	.0	9
10	.0	.0	10	11	214	15	11	6.0E	.0	.0	.0	.0	10
11	.0	.0	9.6	9.6	45	19	10	5.8E	.0	.0	.0	.0	11
12	.0	.0	11	8.8	25	21	9.6	5.6E	.0	.0	.0	.0	12
13	.0	.0	11	8.4	18	17	9.6	5.4E	.0	.0	.0	.0	13
14	.0	.0	10	9.2	16	14	9.6	5.2	.0	.0	.0	.0	14
15	.0	.0	10	9.2	14	13	9.6	5.2	.0	.0	.0	.0	15
16	.0	.0	16	8.0	14	12	9.2	5.2	.0	.0	.0	.0	16
17	.0	.0	21	7.8	12	12	9.2	5.2	.0	.0	.0	.0	17
18	.0	.0	15	8.4	12	12	10	5.0	.0	.0	.0	.0	18
19	.0	.0	14	7.8	11	14	12	5.0	.0	.0	.0	.0	19
20	.0	.0	12	7.6	11	15	11	4.8	.0	.0	.0	.0	20
21	.0	.0	13	7.6	11	13	10	4.8	.0	.0	.0	.0	21
22	.0	.0	12	7.8	11	12	9.6	4.6	.0	.0	.0	.0	22
23	.0	.0	12	8.0	11	12	9.2	4.4	.0	.0	.0	.0	23
24	.0	.0	11	8.0	10	11	8.4	4.2	.0	.0	.0	.0	24
25	.0	.0	10	8.0	10	10	7.8	4.2	.0	.0	.0	.0	25
26	.0	.0	10	8.0	10	10	7.6	4.0	.0	.0	.0	.0	26
27	.0	.0	10	8.0	9.6	50	7.4	4.0	.0	.0	.0	.0	27
28	.0	58	10	8.0	9.6	203	7.2	4.0	.0	.0	.0	.0	28
29	.0	70	9.6	8.0	--	164	7.0	3.9	.0	.0	.0	.0	29
30	.0	24	9.6	8.0	--	50	6.8	3.9	.0	.0	.0	.0	30
31	.0	--	9.2	8.0	--	28	--	3.8	--	.0	.0	--	31
DAILY MEAN	.0	5.1	11.6	8.6	39.9	26.7	10.8	5.3	.9	.0	.0	.0	
MAX	--	70	21	13	511	203	21	6.8	3.9	--	--	--	
MIN	.0	.0	9.2	7.6	8.0	9.2	6.8	3.8	.0	.0	.0	.0	
ACRE FEET		301	712	527	2214	1639	640	324	55				

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
8.9	Sat Feb 09, 1985	700	544	4.28					6412

REMARKS:

Station located 1.5 miles downstream of Mariposa Dam.

Flows are regulated by Mariposa Dam and are tributary to San Joaquin River via Eastside Bypass.

Station is operated by the U.S. Corps of Engineers. Records are published as received.

The datum for this station from 1952 to present is 337.6, USCGS.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1952:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		6020		Sat Dec 24, 1955	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

TATION NUMBER: B06170 OWENS CREEK BELOW OWENS DAM NEAR PLAMADA

OCATION: LAT 37-18-30, LONG 120-11-36, T07S, R16E, SEC. 23, MD B&M MARIPOSA COUNTY

RAINAGE AREA: 250.1 SQ MILES HYDROLOGIC AREA: B-08.G0

ATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

AY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.5	.5	2.0	2.0	2.0	2.0	3.0	.5	.C	.0	.0	.0	1
2	.5	.5	2.0	2.0	2.0	2.0	3.0	.5	.0	.0	.0	.0	2
3	.5	.5	2.0	2.0	2.0	2.0	2.0	.5	.0	.0	.0	.0	3
4	.5	.5	2.0	2.0	2.0	2.0	2.0	.5	.0	.0	.0	.0	4
5	.5	.5	2.0	2.0	2.0	2.0	2.0	.4	.0	.0	.0	.0	5
6	.5	1.0	2.0	2.0	2.0	2.0	2.0	.5	.0	.0	.0	.0	6
7	.5	1.0	2.0	2.0	2.0	4.5	2.0	.4	.0	.0	.0	.0	7
8	.5	1.0	2.0	2.0	29	4.2	2.0	.3	.0	.0	.0	.0	8
9	.5	1.0	2.0	2.1	45	3.0	2.0	.4	.0	.0	.0	.0	9
0	.5	1.0	2.0	2.0	8.4	12	2.0	.0	.0	.0	.0	.0	10
1	.5	1.0	2.0	2.0	5.1	8.4	2.0	.0	.0	.0	.0	.0	11
2	.5	1.0	2.0	2.0	4.2	4.2	1.0	.0	.0	.0	.0	.0	12
3	.5	1.0	2.0	2.0	3.6	2.0	1.0	.0	.0	.0	.0	.0	13
4	.5	1.0	2.0	2.0	3.0	2.0	1.0	.0	.0	.0	.0	.0	14
5	.5	2.0	3.0	2.0	3.0	3.0	1.0	.0	.0	.0	.0	.0	15
6	.5	1.0	14	2.0	3.0	2.0	1.0	.0	.0	.0	.0	.0	16
7	1.0	2.0	4.2	2.0	3.0	3.0	1.0	.0	.0	.0	.0	.0	17
8	.5	2.0	3.9	2.0	3.0	3.9	1.0	.0	.0	.0	.0	.0	18
9	.5	1.0	3.0	2.0	2.0	3.0	2.0	.0	.0	.0	.0	.0	19
0	.5	1.0	2.0	2.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	20
1	.5	1.0	2.0	2.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	21
2	.5	1.0	2.0	2.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	22
3	.5	1.0	2.0	2.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	23
4	.5	2.0	2.0	2.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	24
5	.5	3.0	2.0	2.0	2.0	2.0	1.0	.0	.0	.0	.0	.0	25
6	.5	2.0	2.0	2.0	2.0	2.0	.5	.0	.0	.0	.0	.0	26
7	.5	2.0	2.0	2.0	2.0	5.7	.5	.0	.0	.0	.0	.0	27
8	.5	18	2.0	2.0	2.0	17	.5	.0	.0	.0	.0	.0	28
9	.5	5.4	2.0	2.0	--	8.1	.5	.0	.0	.0	.0	.0	29
0	.5	3.0	2.0	2.0	--	4.2	.5	.0	.0	.0	.0	.0	30
1	.5	--	2.0	2.0	--	3.0	--	.0	--	.0	.0	--	31
AILY EAN	.5	2.0	2.6	2.0	5.2	3.8	1.4	.1	.0	.0	.0	.0	
AX	1.0	18	14	2.1	45	17	3.0	.5	--	--	--	--	
IN	.5	.5	2.0	2.0	2.0	2.0	.5	.0	.0	.0	.C	.0	
ACRE FEET	32	117	159	123	286	236	82	8					

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
1.4									1043

REMARKS:

Station is located 0.25 miles downstream of Owens Dam.

Flows regulated by Owens Dam and are tributary to the San Joaquin River via Eastside Bypass.

Station is operated by the U.S. Corps of Engineers. Record is published as received.

The datum for this station from 1950 to present is 338.2, USCGS.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1950:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		590	.00	Sat Dec 24, 1955	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B06151 OWENS CREEK AT MIDWEST BOUNDARY NEAR MERCED

LOCATION: LAT 37-13-58, LONG 120-35-48, T08S, R12E, SEC. 13, MD B&M MERCED COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: B-08.60

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	AN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	71	10	11	9.0	10	5.0	39	21	81	41	61	73	1
2	68	11	11	9.0	17	5.0	37	14	103	35	60	69	2
3	75	14	28	10	10	6.0	22	17	177	29	52	78	3
4	73	10	15	10	9.0	6.0	18	17	145	24	66	65	4
5	78	10	12	10	9.0	7.0	23	17	109	27	69	57	5
6	67	11	11	9.0	10	6.0	24	21	90	31	59	61	6
7	80	11	12	13	10	6.0	28	13	63	30	52	69	7
8	69	24	11	12	19	7.0	37	11	47	30	53	69	8
9	57	12	11	10	26	28	23	18	43	28	65	89	9
10	39	10	18	10	25	49	20	26	45	27	67	86	10
11	63	10	11	9.0	13	45	22	35	49	31	78	92	11
12	62	11	11	9.0	12	47	23	51	33	40	111	94	12
13	69	11	11	9.0	12	46	28	88	22	37	88	102	13
14	64	10	11	10	11	30	30	78	27	37	91	98	14
15	65	12	13	9.0	10	37	31	77	28	58	87	94	15
16	64	12	19	9.0	10	39	39	62	27	41	79	91	16
17	66	10	15	10	10	39	46	49	31	34	89	88	17
18	51	11	13	9.0	10	62	32	43	31	33	96	91	18
19	56	10	11	10	9.0	43	35	61	28	40	97	83	19
20	45	10	10	10	9.0	29	37	79	26	55	82	85	20
21	47	13	10	10	9.0	24	35	66	25	51	67	71	21
22	51	10	11	10	8.0	23	43	51	25	68	69	78	22
23	37	9.0	10	10	7.0	29	25	45	31	59	73	85	23
24	20	14	10	10	6.0	34	16	59	36	32	68	77	24
25	14	11	10	10	6.0	30	19	59	30	39	77	68	25
26	13	10	10	10	5.0	28	34	55	31	49	93	57	26
27	12	10	11	10	5.0	55	28	68	31	55	68	52	27
28	12	18	11	10	5.0	47	29	61	39	49	61	87	28
29	11	12	10	11	--	47	41	58	45	65	61	101	29
30	11	12	10	9.0	--	44	36	57	46	61	76	114	30
31	10	--	10	10	--	43	--	58	--	57	68	--	31
DAILY MEAN	49.0	11.6	12.2	9.9	10.8	30.5	30.0	46.3	51.5	41.7	73.6	80.8	
MAX	80	24	28	13	26	62	46	88	177	68	111	114	
MIN	10	9.0	10	9.0	5.0	5.0	16	11	22	24	52	52	
ACRE FEET	3015	692	750	607	599	1876	1785	2846	3062	2565	4528	4808	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
37.5									27133

REMARKS:

Station is located below Steiner Drain near west boundary of Merced Irrigation District.

Station is operated by Merced Irrigation District. Record is published as received.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1932:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM					

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B05570 BEAR CREEK BELOW BEAR RESERVOIR NEAR PLANADA

LOCATION: LAT 37-21-30, LONG 120-14-06, T07S, R16E, SEC. 05, MD B&M MERCED COUNTY

DRAINAGE AREA: 72.2 SQ MILES HYDROLOGIC AREA: B-12.00

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	15	6.6	5.8	6.6	31	4.7	.5	.0	.0	.0	1
2	.0	.0	13	6.6	6.6	7.0	31	3.8	.8	.0	.0	.0	2
3	.0	.0	11	6.2	8.2	9.6	21	3.5	.6	.0	.0	.0	3
4	.0	.0	9.0	6.2	7.4	9.0	19	3.2	.5	.0	.0	.0	4
5	.0	.0	8.2	6.2	6.6	8.6	21	2.9	.4	.0	.0	.0	5
6	.0	.0	8.2	6.2	6.2	8.2	16	2.6	.4	.0	.0	.0	6
7	.0	.0	7.4	6.2	6.2	31	14	2.3	.4	.0	.0	.0	7
8	.0	.0	6.6	7.4	73	66	14	1.9	.4	.0	.0	.0	8
9	.0	.0	6.2	7.8	528	34	13	1.8	.4	.0	.0	.0	9
10	.0	.0	6.6	7.8	80	32	12	1.7	.3	.0	.0	.0	10
11	.0	.0	6.6	7.4	43	129	11	1.6	.3	.0	.0	.0	11
12	.0	.0	8.6	7.0	30	66	10	1.6	.3	.0	.0	.0	12
13	.0	.0	9.6	6.6	21	38	10	1.5	.2	.0	.0	.0	13
14	.0	.0	8.6	5.8	18	27	9.0	1.5	.1	.0	.0	.0	14
15	.0	.0	9.6	5.8	16	21	9.0	1.4	.0	.0	.0	.0	15
16	.0	.0	8.2	5.8	14	21	8.6	1.4	.0	.0	.0	.0	16
17	.0	3.8	8.2	5.8	13	14	8.6	1.3	.0	.0	.0	.0	17
18	.0	4.1	9.6	5.8	11	16	11	1.1	.0	.0	.0	.0	18
19	.0	3.8	11	5.4	10	37	11	1.0	.0	.0	.0	.0	19
20	.0	3.8	10	5.4	9.6	30	9.0	.9	.0	.0	.0	.0	20
21	.0	3.5	9.6	5.0	8.6	21	8.6	.9	.0	.0	.0	.0	21
22	.0	3.2	13	5.0	8.6	17	8.6	.8	.0	.0	.0	.0	22
23	.0	3.2	13	5.0	8.2	15	8.6	.8	.0	.0	.0	.0	23
24	.0	4.4	11	5.0	7.4	14	7.4	.8	.0	.0	.0	.0	24
25	.0	21	11	5.0	7.0	13	6.2	.7	.0	.0	.0	.0	25
26	.0	21	9.6	5.0	7.0	13	6.6	.7	.0	.0	.0	.0	26
27	.0	13	8.6	5.0	6.6	173	6.2	.7	.0	.0	.0	.0	27
28	.0	135	8.6	6.2	6.6	329	5.4	.7	.0	.0	.0	.0	28
29	.0	57	11	6.6	--	112	5.0	1.6	.0	.0	.0	.0	29
30	.0	25	7.0	7.0	--	64	5.8	1.6	.0	.0	.0	.0	30
31	.0	--	7.0	6.2	--	43	--	1.6	--	.0	.0	--	31
DAILY MEAN	.0	10.1	9.4	6.1	34.8	46.0	11.9	1.7	.2	.0	.0	.0	
MAX	--	135	15	7.8	528	329	31	4.7	.8	--	--	--	
MIN	.0	.0	6.2	5.0	5.8	6.6	5.0	.7	.0	.0	.0	.0	
ACRE FEET		599	576	375	1931	2826	709	104	11				

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
9.9									7131

REMARKS:

Station is located approximately 0.75 mile downstream of Bea. Dam.

Flow regulated by Bear Dam.

Station is operated by the U.S. Corps of Engineers. Records published as received.

The datum for this station from 1955 to present is 320.5, USCGS.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1956:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		4460	.00	Sat Dec 24, 1955	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B05525 BEAR CREEK AT MCKEE ROAD NEAR MERCED

LOCATION: LAT 37-18-42, LONG 120-26-42, T07S, R14E, SEC. 21, MD B&M MERCED COUNTY

DRAINAGE AREA: 201.9 SQ MILES HYDROLOGIC AREA: B-08.H0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	97	33	45	30	23	21	91	90	149	198	186	126	1
2	63	32	39	30	23	21	90	99	162	188	185	121	2
3	62	31	37	29	22	21	88	102	166	182	198	113	3
4	62	31	35	28	22	21	87	125	154	178	222	119	4
5	69	30	26	28	22	22	87	140	141	171	216	110	5
6	75	30	25	28	22	63	87	131	139	182	197	102	6
7	86	30	25	27	22	80	87	133	140	193	189	103	7
8	72	32	25	26	43	82	87	137	145	188	202	103	8
9	71	30	24	26	1010	81	87	146	145	168	219	103	9
10	75	29	24	26	172	82	87	146	144	191	220	103	10
11	96	29	29	26	60	212	90	146	146	190	225	103	11
12	114	28	26	27	41	127	92	158	143	180	206	112	12
13	118	27	26	25	36	88	87	164	137	188	222	131	13
14	120	27	26	24	36	86	87	157	148	195	209	136	14
15	120	27	26	24	36	86	91	156	176	186	190	136	15
16	118	27	77	24	35	86	92	158	164	177	194	134	16
17	88	27	62	24	35	86	92	163	182	170	188	138	17
18	94	27	36	25	34	86	92	168	168	163	200	144	18
19	116	27	34	25	34	86	92	167	165	179	175	143	19
20	112	27	34	24	33	86	92	159	163	214	158	143	20
21	111	27	34	24	28	86	92	151	180	215	159	146	21
22	158	27	34	24	24	86	92	160	195	196	155	154	22
23	132	28	34	24	23	86	91	173	210	192	151	138	23
24	129	27	34	24	22	86	92	178	192	182	150	121	24
25	216	30	33	24	22	86	93	178	196	138	156	117	25
26	349	33	32	23	22	86	97	176	176	183	136	110	26
27	228	36	32	23	21	118	87	164	166	199	118	103	27
28	87	92	31	23	21	273	90	149	176	208	121	103	28
29	44	170	31	23	--	223	90	141	194	188	124	103	29
30	34	64	31	23	--	118	88	142	201	183	117	102	30
31	33	--	30	23	--	95	--	147	--	178	122	--	31
DAILY MEAN	108	37.2	33.5	25.3	69.4	92.5	89.9	149	165	185	178	121	
MAX	349	170	77	30	1010	273	97	178	210	215	225	154	
MIN	33	27	24	23	21	21	87	90	137	138	117	102	
ACRE FEET	6643	2212	2057	1555	3856	5685	5349	9132	9844	11390	10930	7180	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
105									75833

REMARKS:

Station is located 50 feet downstream of McKee Road bridge, one mile east of Merced.

Flow is regulated by Bear and Burns Reservoirs.

Station is operated by the U.S. Corps of Engineers. Record is published as received. A gage height of 22.9 feet was taken from high water mark and the discharge was estimated at 9500 cfs. Record for this station has been published in Department of Water Resources publications since 1969.

The datum for this station from 1956 to present is 75.0, assumed.

E = Estimated. NR = No record. * = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1956:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		5542	17.35	Sun Feb 11, 1973	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

'ATION NUMBER: B05518 BEAR CREEK AT MERCED IRRIGATION DISTRICT WEST BOUNDARY

CATION: LAT 37-15-21, LONG 120-39-08, T08S, R12E, SEC. 09, MD B&M MERCED COUNTY

AINAGE AREA: HYDROLOGIC AREA: B-08.MD

ATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

AY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	177	.0	6.0	4.0	9.0	6.0	476 E	45	47	67	107	54	1
2	107	.0	.0	4.0	13	8.0	69 E	30	83	61	94	58	2
3	95	.0	8.0	3.0	8.0	9.0	30	39	147	40	83	59	3
4	87	.0	2.0	2.0	5.0	6.0	19	29	122	29	68	42	4
5	93	.0	.0	3.0	7.0	8.0	24	59	60	24	92	46	5
6	95	.0	.0	2.0	7.0	6.0	25	80	27	24	59	64	6
7	104	.0	.0	3.0	5.0	28	22	32	20	32	40	42	7
8	113	.0	.0	6.0	9.0	107	51	43	37	33	55	63	8
9	94	.0	.0	4.0	596	105	55	31	51	29	85	63	9
0	106	.0	.0	5.0	427	100	35	55	44	28	92	62	10
1	181	.0	2.0	6.0	137	243	22	31	39	30	100	68	11
2	194	.0	8.0	5.0	70	266	76	43	46	46	60	56	12
3	173	.0	13	6.0	38	145	59	51	32	34	56	83	13
4	161	.0	3.0	5.0	24	104	30	32	26	32	58	147	14
5	162	.0	.0	5.0	18	59	69	24	15	46	56	107	15
6	178	.0	.0	5.0	15	42	71	30	35	39	58	146	16
7	171	.0	73	6.0	12	52	103	59	48	33	71	148	17
8	123	.0	167	6.0	10	122	92	32	52	36	62	164	18
9	154	.0	40	8.0	11	67	91	48	54	47	63	186	19
0	136	.0	13	6.0	11	38	94	55	60	55	38	181	20
1	115	.0	.0	6.0	9.0	55	155	42	30	68	24	186	21
2	176	.0	.0	9.0	8.0	41	129	39	38	77	34	230	22
3	246	.0	.0	6.0	8.0	38	67	23	67	52	40	234	23
4	233	.0	.0	5.0	7.0	42	50	43	68	56	32	173	24
5	213	.0	.0	6.0	7.0	28	51	54	34	32	43	145	25
6	347	.0	.0	6.0	6.0	19	74	67	42	41	52	151	26
7	347	.0	.0	7.0	5.0	67	41	67	27	79	27	109	27
8	347	.0	.0	7.0	5.0	265	44	58	40	128	33	127	28
9	47	200	.0	8.0	--	460 E	59	47	50	101	60	124	29
0	10	57	.0	8.0	--	476 E	22	63	71	64	36	139	30
1	.0	--	.0	9.0	--	476 E	--	54	--	79	43	--	31
AILY EAN	154	8.6	10.8	5.5	53.1	113	73.5	45.3	50.4	49.7	58.7	115	
AX	347	200	167	9.0	596	476	476	80	147	128	107	234	
IN	.0	.0	.0	2.0	5.0	6.0	19	23	15	24	24	42	
ACRE FEET	9491	510	664	339	2949	6918	4374	2787	2999	3059	3612	6857	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
61.5									44559

REMARKS:

Station located 400 feet downstream of Crane Road bridge, 6.6 miles southwest of Merced.

Discharge is estimated at times when gage height exceeds 7.50 feet.

Station is operated by Merced Irrigation District. Monthly flow record for the period 1947-68 published in Bulletin 130-69.

The datum for this station from 1930 to present is .0, local.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1930:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM					

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B05516 BEAR CREEK BELOW EASTSIDE CANAL NEAR CRANE RANCH

LOCATION: LAT 37-15-14, LONG 120-43-12, T08S, R11E, SEC. 12, MD B&M MERCED COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: B-08.00

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	171	19	35	12 *	11 *	3.5*	142	.9	17	7.2*	6.1*	3.9	1
2	126 *	19 *	25	11	14	3.6	43 *	.8E*	25	5.6	8.6	4.5	2
3	103	19	32 *	11	14	3.6	15	1.2E	80 *	4.1	7.9	15	3
4	64	15	31	11	11	3.7	13	1.7E	118	3.9	5.4	22	4
5	50	12	28	11	12	4.0	12	2.5E	95	3.8	6.6	19	5
6	51	7.7	21	10	12	4.3	12	3.3E	42	3.6	6.5	26	6
7	57	4.8	17	10	11	5.9	11	4.3E	18	3.4	4.7	22	7
8	67	5.6	16	13	11	44	12	5.6E	14	3.4	4.5	51	8
9	51	4.0	15	11	183	126	14	7.2E	11	3.3	6.0	88	9
10	56	3.2	17	12	317	137	11	9.0E	7.3	3.3	7.3	111	10
11	135	2.7	23	12	140	189	9.4	11 E	6.3	3.1	9.8	112	11
12	182 E	2.3	24	11	84	239	9.5	14 E	5.8	3.0	7.0	79	12
13	183 E	1.9*	23	11	50	190	8.8	16 E*	5.1	2.9	5.9	53	13
14	196 E	1.8	18	9.9	38 *	162	7.4	10	4.4	2.9	7.1*	92	14
15	198 E	1.7	17	10	31	136	6.7	8.2	3.8	2.8	6.9	75	15
16	196 E*	1.6	34	9.6	26	122	6.4	7.8	3.6	2.8*	6.1	92	16
17	198	1.5	107	9.6*	22	123	6.2	12	3.4	2.8	7.4	96	17
18	194	1.5	55 *	10	19	138	10 *	8.5	2.6*	2.7	7.5	122	18
19	175	1.5	37	11	17	121 *	42	9.6	2.4	3.1	8.0	154	19
20	178	1.4	29	10	23	85	34	14	2.5	3.2	6.5	114	20
21	149	1.4	26	9.7	13	92	50	13	2.7	4.3	4.1	101	21
22	168	1.3	25	12	11	73	53	13	2.9	6.1	5.0	121	22
23	250	1.3	22	9.8	11	49	67	9.0	2.8	3.6	4.9	167	23
24	232	1.4	19	9.1	9.9	40	46	8.9	3.0	4.5	5.7	163	24
25	202	1.3	17	9.6	9.1	48	3.5	13	3.0	3.3	7.1	142	25
26	279	1.3	16	9.5	8.1	69	3.3	18	3.1	3.1	8.5	144	26
27	321	1.3	15	10	5.5	98	2.3	22	3.5	3.6	5.4	124	27
28	166	2.0	15	9.5	3.8	213	1.5	21	4.0	9.4	4.7	121	28
29	61	99	14	11	--	385	1.3	19	4.5	11	4.7	124	29
30	33	77	14	11	--	243	1.2	19	6.1	5.2	2.9	158	30
31	24	--	13	10	--	205	--	17	--	4.6	3.3	--	31
DAILY MEAN	146	10.5	25.8	10.6	39.9	108	21.8	10.3	16.8	4.2	6.2	90.5	
MAX.	321	99	107	13	317	385	142	22	118	11	9.8	167	
MIN	24	1.3	13	9.1	3.8	3.5	1.2	.8	2.4	2.7	2.9	3.9	
ACRE FEET	8957	624	1587	649	2216	6656	1298	636	997	257	381	5388	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
40.9	Fri Mar 29, 1985	1200	465	88.15	Thu May 02, 1985	400	.7	84.64	29646

REMARKS:

Station is located on right bank 0.1 mile downstream of Eastside Canal.

Staff gage readings and discharge measurement record available from 1967.

Station is operated in cooperation with the state Reclamation Board. Recorder installed Jan 1980.

The datum for this station from 1967 to present is .0, USCGS.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1979:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		2110	90.53	Dec 27, 1983	1200

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

ATION NUMBER: BS6100 BURNS CREEK BELOW BURNS DAM NEAR PLANADA

CATION: LAT 37-22-30, LONG 120-16-30, T06S, R15E, SEC. 36, MD B&M MERCED COUNTY

AINAGE AREA: 73.7 SQ MILES HYDROLOGIC AREA: B-08.J0

TER YEAR OCTOBER 1984 thru SEPTEMBER 1985

Y	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	.0	.0	.4	.0	.7	.8	4.0	.0	.0	.0	.0	.0	1
	.0	.0	.0	.0	1.4	1.0	3.0	.0	.0	.0	.0	.0	2
	.0	.0	1.4	.0	2.8	1.2	2.2	.0	.0	.0	.0	.0	3
	.0	.0	1.0	.0	2.2	1.2	1.7	.0	.0	.0	.0	.0	4
	.0	.0	.2	.0	1.3	1.0	1.4	.0	.0	.0	.0	.0	5
	.0	.0	.0	.0	.9	.9	1.1	.0	.0	.0	.0	.0	6
	.0	.0	.0	.6	.8	1.0	1.0	.0	.0	.0	.0	.0	7
	.0	.0	.0	.8	174	2.6	.8	.0	.0	.0	.0	.0	8
	.0	.0	.0	.9	233	2.6	.8	.0	.0	.0	.0	.0	9
	.0	.0	.0	.8	43	3.6	.6	.0	.0	.0	.0	.0	10
	.0	.0	.0	.6	24	92	.5	.0	.0	.0	.0	.0	11
	.0	.0	.0	.6	16	21	.4	.0	.0	.0	.0	.0	12
	.0	.0	.0	.4	12	10	.3	.0	.0	.0	.0	.0	13
	.0	.0	.0	.4	9.5	5.8	.2	.0	.0	.0	.0	.0	14
	.0	.0	.0	.4	7.0	3.8	.1	.0	.0	.0	.0	.0	15
	.0	.0	.0	.4	5.8	2.8	.0	.0	.0	.0	.0	.0	16
	.0	.0	.0	.3	4.9	2.0	.0	.0	.0	.0	.0	.0	17
	.0	.0	.0	.2	3.3	2.2	.0	.0	.0	.0	.0	.0	18
	.0	.0	.0	.4	3.2	4.3	.0	.0	.0	.0	.0	.0	19
	.0	.0	.0	.4	2.6	4.6	.0	.0	.0	.0	.0	.0	20
	.0	.0	.0	.4	2.4	2.8	.0	.0	.0	.0	.0	.0	21
	.0	.0	.0	.4	1.8	1.8	.0	.0	.0	.0	.0	.0	22
	.0	.0	.0	.3	1.6	1.4	.0	.0	.0	.0	.0	.0	23
	.0	4.2	.0	.2	1.4	1.1	.0	.0	.0	.0	.0	.0	24
	.0	1.9	.0	.2	1.2	.9	.0	.0	.0	.0	.0	.0	25
	.0	.0	.0	.2	1.0	.9	.0	.0	.0	.0	.0	.0	26
	.0	.0	.0	.2	1.0	24	.0	.0	.0	.0	.0	.0	27
	.0	51	.0	.4	.8	38	.0	.0	.0	.0	.0	.0	28
	.0	.0	.0	1.0	--	24	.0	.0	.0	.0	.0	.0	29
	.0	1.4	.0	1.3	--	11	.0	.0	.0	.0	.0	.0	30
	.0	--	.0	.9	--	6.1	--	.0	--	.0	.0	--	31
AILY EAN	.0	2.0	.1	.4	20.0	8.9	.6	.0	.0	.0	.0	.0	
AX	--	51	1.4	1.3	233	92	4.0	--	--	--	--	--	
IN	.0	.0	.0	.0	.7	.8	.0	.0	.0	.0	.0	.0	
CRE EET		116	6	25	1110	548	36						

EAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
2.5									1841

MARKS:

ation located 0.5 miles downstream of Burns Dam.

low is regulated by Burns Dam since 1950.

tation operated by the U.S. Corps of Engineers. Records are published as received.

e datum for this station from 1950 to present is 260.6, USCGS.

- Estimated. NR - No record. * - Discharge measurement or observation of no flow.

PERIOD OF RECORD BEGINNING 1950:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		2590		Sat Dec 24, 1955	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B07400 SAN JOAQUIN RIVER NEAR STEVINSON

LOCATION: LAT 37-17-42, LONG 120-51-00, T07S, R10E, SEC. 26, MD B&M MERCED COUNTY

DRAINAGE AREA: 7388.0 SQ MILES HYDROLOGIC AREA: B-06.B0

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	217	86 *	108	50	71	32	415 *	34 *	69	24 *	20 *	16	1
2	234	79	88	47	61	29	228	32	77	27	19	12	2
3	210	70	75 *	46 *	64	28	101	32	127 *	22	17	11 *	3
4	203	62	89	45	56 *	31 *	62	27	232	21	18	25	4
5	220	54	91	41	51	32	56	26	263	19	16	41	5
6	233	49	83	39	51	34	50	28	220	16	16	56	6
7	252	42	71	41	49	33	45	31	149	15	18	60	7
8	258	41	62	48	50	34	39	29	107	15	23	65	8
9	268	42	56	52	76	100	50	24	67	14	27	96	9
10	252	42	56	48	405	152	54	27	38	11	23	123	10
11	255	37	59	48	557	190	49	31	28	9.7	28	130	11
12	307	34	63	50	422	335	49	32	26	9.1	51	137	12
13	332	32 *	62	54	255 *	352	47	33 *	22	7.9	50	102	13
14	350	30	61	62 *	141	302	41	38	18	6.9	46 *	118	14
15	356	31	55	69	100	254	35	40	14	5.8*	42	149	15
16	376	32	60	64	94	207	31 *	44	11	5.6	34	165 *	16
17	385	33	134 *	61	79	187	33	40	8.7*	8.2	32	197	17
18	408	34	172	81	64	175	36	48	9.4	9.8	33	206	18
19	423	34	125	81	56	269	64	43	11	12	35	236	19
20	418	35	110	69	52	256 *	81	42	10	13	35	231	20
21	362	33	88	61	59	237	85	59	12	16	45	182	21
22	328	32	76	60	52	230	106	56	16	25	43	195	22
23	355	33	68	62	49	198	118	54	13	42	40	240	23
24	370	38	67	72	46	176	135	47	12	42	36	308	24
25	311	39	66	88	44	178	64	51	11	30	46	277	25
26	279	39	62	96	43	136	45	66	14	19	61	247	26
27	316	36	61	103	40	146	50	76	15	19	64	215	27
28	292	34	58	110	34	236	41	81	20	28	57	169	28
29	187	52	56	105		438	39	82	16	28	46	162	29
30	125	142	57	96		526	40	70	15	30	33	176	30
31	98		55	80		487		70		23	23		31
DAILY MEAN	290	45.9	77.2	65.5	111	194	76.3	44.9	55.0	18.5	34.7	145	
MAX	423	142	172	110	557	526	415	82	263	42	64	308	
MIN	98	30	55	39	34	28	31	24	8.7	5.6	16	11	
ACRE FEET	17810	2731	4748	4024	6190	11940	4540	2763	3275	1139	2136	8622	

Summary Data for Water Year 1984-5

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
96.6	February 11	0345	605	65.42	July 15	1800	5.2	60.58	69918

WATER YEAR 1985: E = Estimated. NR = No record. * = Discharge measurement or observation of no flow.

REMARKS:

Station located on Highway 165 (Landers Ave.) bridge, 2.3 miles south of Stevenson.

Flows are regulated by upstream reservoirs.

The datum for this station from 1961 to present is .0, USCGS.

FOR PERIOD OF RECORD BEGINNING 1961:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		26740	76.23	Wednesday February 26, 1969	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

ATION NUMBER: B00975 PANOCHE DRAIN NEAR DOS PALOS

CATION: LAT 36-55-24, LONG 120-41-18, T12S, R12E, SEC. 05, MD B&M FRESNO COUNTY

AINAGE AREA: HYDROLOGIC AREA: B-06.B0

ER YEAR OCTOBER 1984 through SEPTEMBER 1985

Y	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	16 *	16 *	46	20	22	50	45 *	49 *	71	76 *	61 *	47	1
	16	19	49	20	26	51	41	50	73	78	58	47	2
	16	21	75	20 *	30	51	43	47	75 *	78	63	45 *	3
	16	21	75	24	27 *	50 *	42	49	74	78	72	41	4
	17	20	53	23	28	51	46	51	74	75	72	40	5
	18	22	45	21	27	50	43	51	74	80	65	50	6
	22	24	37	23	31	51	43	50	64	78	66	47	7
	21	35	36	25	27	45	42	52	58	77	69	44	8
	19	30	35	26	27	45	38	51	62	77	73	48	9
	21	29	45	22	27	50	37	51	63	76	73	47	10
	25	33	41	21	28	53	35	55	61	80	74	41	11
	23	35	38	21	35	54	37	55	62	79	75	43	12
	19	36	40	21	35 *	51	37	58 *	62	78	74	43	13
	19	33	38 *	22	35	53	38	60	67	78	72	39	14
	23 *	31	39	22	34	58	41	55	68	79 *	76	33	15
	20	41	40	22	33	58	38 *	57	71	80	78	30 *	16
	19	47	36	23	34	57	42	54	75	77	60	25	17
	17	35	35	25	35	61	42	58	77	74	66	24	18
	17	29	36	29	34	63	43	62	74	76	63	23	19
	18	30	36	27	33	60 *	48	60	72	75	59	23	20
	17	34	31	27	35	59	50	59	75	75	63	20	21
	18	32	26	27	34	57	45	59	77	71	65	19	22
	17	30	24	26	35	58	45	58	74	72	60	19	23
	20	38	25	28	35	56	43	59	73	71	63	19	24
	20	32	24	26	41	55	45	66	75	72	60	20	25
	18	33	25	26	47	59	53	64	74	71	57	22	26
	17	40	25	26	44	59	49	64	73	64	52	23	27
	17	45	24	28	47	57	45	63	77	65	53	21	28
	18	43	21	31		49	49	64	77	68	59	21	29
	17	41	20	28		47	50	67	75	64	51	19	30
	16		20	22		52		70		65	46		31
ILY AN	18.6	31.8	36.8	24.3	33.1	53.9	43.2	57.0	70.9	74.4	64.5	32.8	
X	25	47	75	31	47	63	53	70	77	80	78	50	
N	16	16	20	20	22	45	35	47	58	64	46	19	
RE ET	1144	1894	2261	1492	1837	3312	2569	3507	4219	4576	3963	1950	

mmary Data for Water Year 1984-5

AN FLOW	INSTANTANEOUS MAXIMUM FLOW			INSTANTANEOUS MINIMUM FLOW			TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
45.2	December 3	2230	86	6.13	October 27	2330	14	1.85	32724

TER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

MARKS:

ation is located 0.5 miles south of Main Canal levee road, 5.6 miles southeast of Dos Palos.

is station records surface agricultural return flows.

ation is operated in cooperation with Panoche Drainage District.

e datum for this station from 1959 to present is 2.0, local.

R PERIOD OF RECORD BEGINNING 1959:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		119	7.20	Monday February 3, 1975	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B00470 SALT SLOUGH NEAR STEVENSON

LOCATION: LAT 37-14-54, LONG 120-51-06, T08S, R10E, SEC. 10, MD B&M MERCED COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: B-06.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	117 *	59 *	66	108	111	208	443 *	212 *	346	366 *	314 *	255	1
2	111	54	52	108	117	200	418	228	378	381	293	286	2
3	138	52	50 *	103 *	124	213	390	266	428 *	345	300	266 *	3
4	125	72	66	76	131 *	234 *	402	280	438	321	277	216	4
5	112	61	70	72	99	279	412	288	419	291	277	190	5
6	120	67 E	84	70	99	271	412	333	381	303	250	175	6
7	145	74 E	95	78	99	267	390	346	342	328	239	205	7
8	126	82 E	122	112	106	284	391	310	313	363	264	221	8
9	84	96 E	125	114	135	271	400	308	290	335	229	217	9
10	72	105 E	131	111	152	307	390	309	267	266	208 E	201	10
11	85	117 E	134	106	163	360	384	307	193	213	202 E	182	11
12	112	116 E	129	105	169	390	386	331	155	236	199 E	165	12
13	79	106 E*	123	101	168 *	390	396	401 *	162	242	195 E	150	13
14	99	109	123	99 *	166	347	374	385	160	238	188 E*	139	14
15	111 *	105	97	92	152	316	349	398	146	207 *	199	126	15
16	107	93	94	63	160	280	342 *	380	139	189	225	125 *	16
17	109	91	90 *	61	177	291	323	352	172 *	154	280	106	17
18	102	91	89	59	189	337	334	370	188	113	314	103	18
19	102	97	111	56	192	376	299	380	159	95	349	114	19
20	99	97	112	56	203	361 *	285	406	138	85	393	102	20
21	88	97	108	59	198	364	274	422	149	97	382	105	21
22	77	94	106	60	212	329	268	365	131	142	337	122	22
23	78	89	106	87	211	303	280	304	128	144	318	132	23
24	128	114	108	91	238	315	288	316	171	124	331	157	24
25	135	115	112	89	243	338	264	309	218	124	328	145	25
26	143	113	113	99	248	347	248	293	242	122	348	143	26
27	130	105	114	107	236	383	292	328	223	188	314	126	27
28	126	102	115	115	216	437	291	379	233	251	259	132	28
29	128	103	109	118	--	433	277	361	248	281	263	141	29
30	111	94	108	115	--	416	254	343	322	302	261	161	30
31	78	--	108	109	--	447	--	340	--	309	260	--	31
DAILY MEAN	109	92.3	102	90.3	168	326	342	334	243	231	277	164	
MAX	145	117	134	118	248	447	443	422	438	381	393	286	
MIN	72	52	50	56	99	200	248	212	128	85	188	102	
ACRE FEET	6698	5494	6288	5552	9350	20020	20340	20530	14440	14190	17050	9735	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
207	Sun Mar 31, 1985	1530	456	67.73	Sun Dec 02, 1984	2215	44	64.06	149687

REMARKS:

Station is located at Highway 165 (Landers Ave) bridge, 5.5 miles south of Stevenson.

Station is affected by backwater from the San Joaquin River. Flows include agricultural drainage. The maximum gage height of record (70.35 feet) does not represent the maximum discharge due to backwater conditions.

The datum for this station from 1968 to present is .0, USCGS.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1968:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		572	70.10	Fri Feb 22, 1980	1015

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STION NUMBER: B51250 MAXWELL CREEK AT COULTERVILLE

LATION: LAT 37-42-58, LONG 120-11-20, T02S, R16E, SEC. 34, MD B&M MARIPOSA COUNTY

DINAGE AREA: 17.0 SQ MILES HYDROLOGIC AREA: B-11.B1

ER YEAR OCTOBER 1984 through SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.4	0.5	1.9	1.2*	1.3	1.8	9.4	1.1	0.6	0.2	0.3	0.0
2	0.3	0.6*	1.8	1.2	1.3	2.6	7.2	1.0	0.8	0.0*	0.0*	0.0
3	0.3*	0.8	1.7	1.2	1.3	2.1	6.2	1.0	0.9	0.0	0.0	0.0
4	0.3	0.8	1.5*	1.2	221	2.0*	5.5	1.0	0.7	0.0	0.0	0.0
5	0.3	0.7	1.5	1.2	40 *	2.0	4.9	1.0	0.6	0.0	0.0	0.0*
6	0.3	1.0	1.4	1.2	8.8	3.2	4.1	1.0	0.5	0.0	0.0	0.0
7	0.3	1.0	1.3	2.1	5.3	11	3.8	1.0	0.5	0.0	0.0	0.0
8	0.3	5.0	1.3	1.9	3.9	7.6	3.4	0.9	0.5	0.0	0.0	0.1
9	0.3	2.2	1.3	1.7	3.3	7.8	3.2	0.9	0.4	0.0	0.0	0.4
10	0.3	1.5	2.6	1.5	2.8	37	2.9	0.9	0.4	0.0	0.0	0.0
11	0.8	1.4	2.2	1.4	2.6	72	2.7	0.9	0.4	0.0	0.0	0.0
12	0.4	1.3	1.9	1.3	2.6	28	2.6	0.8	0.4	0.0	0.0*	0.0
13	0.4	4.4	1.8	1.3	2.5	13	2.4	0.8	0.3	0.0	0.0	0.0
14	0.4	2.8*	1.6	1.3	2.5	8.8	2.1	0.8	0.3	0.0	0.0	0.0
15	0.4	1.9	1.9	1.2	2.5*	6.9	2.1	0.7	0.3	0.0*	0.0	0.0
16	0.8	1.9	2.7	1.2*	2.4	5.7	2.1	0.7	0.3	0.1	0.0	0.0
17	1.3	1.8	2.2	1.2	2.3	5.2	2.3	0.7	0.3	0.5	0.0	0.0*
18	0.7	2.0	1.9*	1.2	2.2	9.1*	2.2	0.7	0.2	0.9	0.2	0.5
19	0.7	1.7	1.9	1.1	2.0	8.3	2.0	0.7	0.2	0.9	0.1	1.0
20	0.7	1.5	2.0	1.1	2.0	6.6	1.9	0.7	0.2	1.0	0.0	0.3
21	0.6	1.8	2.1	1.2	2.0	6.0	1.9	0.6	0.2	0.9	0.0	0.2
22	0.6	1.6	2.0	1.2	1.9	5.4	1.8	0.6	0.2	0.4	0.0	0.1
23	0.6	1.4	1.9	1.2	1.9	5.0	1.6	0.5	0.2	1.1	0.0	0.0
24	0.5	7.8	1.8	1.2	1.8	4.8	1.6	0.5	0.2	1.2	0.0	0.0
25	0.5	4.5	1.7	1.1	1.8	4.6	1.5	0.6	0.2	0.3	0.0	0.0
26	0.5	2.3	1.7	1.2	2.8	13	1.4	0.5	0.2	0.0	0.0	0.0
27	0.5	3.6	1.4	1.1	2.3	148	1.3	0.5	0.2	0.0	0.0	0.0
28	0.5	24	1.4	1.4	2.0	202	1.3	0.6	0.2	0.0	0.0	0.0
29	0.5	4.3	1.3	1.4		40	1.2	0.6	0.2	0.0	0.0	0.0
30	0.5	2.5	1.3	1.3		19	1.1	0.6	0.2	0.0	0.0	0.0
31	0.5		1.3	1.2		13		0.6		0.0	0.0	
LY N	0.5	3.0	1.8	1.3	11.8	22.6	2.9	0.8	0.4	0.2	0.0	0.1
:	1.3	24	2.7	2.1	221	202	9.4	1.1	0.9	1.2	0.3	1.0
	0.3	0.5	1.3	1.1	1.3	1.8	1.1	0.5	0.2	0.0	0.0	0.0
RE T	31	176	108	80	653	1391	174	47	21	15	1	5

mary Data for Water Year 1984-5

AN FLOW	INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
3.7	March 28	0200	708	5.15	June 19	2000	0.0	2.42	2702

TER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

MARKS:

ation is located on downstream side of Dogtown Road bridge, 0.5 mile northeast of Coulterville. Altitude of gage is approximately 1740 et.

ximum discharge of record is from rating curve extended above maximum measurement of 902 cfs. There is no upstream regulation.

e datum for this station from 1958 to present is .0, local.

R PERIOD OF RECORD BEGINNING 1958:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		1770	5.71	Wednesday December 23, 1964	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B05170 MERCED RIVER BELOW SNELLING

LOCATION: LAT 37-30-24, LONG 120-27-00, T05S, R14E, SEC. 17, MD B&M MERCED COUNTY

DRAINAGE AREA: 1096.0 SQ MILES HYDROLOGIC AREA: B-08.J0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	212	191	1200	1520	352	210	192	200	211	183	147	144	1
2	194 *	193 *	1180	1530	208	186	178 *	217 *	217	185 *	168 *	138	2
3	203	193	1180	1530	206	155	152	210	218 *	186	164	145	3
4	205	191	1180 *	1070 *	203	154	143	211	206	173	137	126	4
5	207	199	1190	565	206 *	158 *	163	211	198	162	125	114 *	5
6	203	204	1200	543	203	170	174	207	201	157	121	117	6
7	200	198	1220	533	201	186	170	207	195	155	128	143	7
8	196	219	1240	525	287	176	159	222	192	147	144	152	8
9	199	226	1240	512	246	166	163	221	189	146	145	153	9
10	207	229	1260	499	209	239	177	234	193	152	136	125	10
11	673	230	1260	500	202	210	160	225	193	164	141	131	11
12	676	229	1270	500	204	185	179	224	205	151	146	139	12
13	270	234	1280	497	199	168	188	205	207	136	131	142	13
14	266	226 *	1280	487	199 *	185	177	209 *	204	153	145	132	14
15	263	224	1320	478 *	202	195	167	213	209	153	144 *	125	15
16	264 *	226	1330	436	197	188	168	202	201	151 *	139	132	16
17	234	240	1150	373	201	176	162 *	199	198	141	143	125 *	17
18	226	241	978 *	370	197	190	170	206	195 *	147	155	129	18
19	225	303	968	371	193	184 *	179	190	191	151	138	133	19
20	232	770	835	370	191	190	186	198	196	147	148	130	20
21	226	1170	877	367	197	191	180	206	201	151	164	186	21
22	216	1190	1270	367	174	183	181	206	195	160	157	183	22
23	218	1170	1310	369	172	181	183	193	198	161	155	189	23
24	215	1200	1310	368	190	170	187	200	186	157	163	195	24
25	213	1190	1310	369	187	173	192	206	192	144	165	194	25
26	209	1180	1310	370	192	182	203	202	211	149	165	190	26
27	205	1190	1320	373	185	200	203	203	214	149	161	194	27
28	207	1250	1400	375	191	202	193	204	218	157	159	190	28
29	196	1200	1520	372	--	203	196	242	207	161	155	197	29
30	198	1190	1510	372	--	202	187	224	192	158	160	818	30
31	194	--	1530	371	--	196	--	211	--	150	159	--	31
DAILY MEAN	247	563	1240	557	207	186	177	210	201	156	149	174	
MAX	676	1250	1530	1530	352	239	203	242	218	186	168	818	
MIN	194	191	835	367	172	154	143	190	186	136	121	114	
ACRE FEET	15180	33510	76220	34280	11490	11410	10540	12910	11970	9594	9140	10340	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
341	Fri Jan 04, 1985	315	1640	9.09	Wed Sep 04, 1985	1615	101	5.49	246584

REMARKS:

Station is located 0.2 mile downstream of Merced-Snelling highway bridge.

Flows are affected by upstream regulation and diversion.

The datum for this station from 1959 to present is 221.1, USGS.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1928:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		14500	17.10	Thu Jan 07, 1965	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

ATION NUMBER: B05155 MERCED RIVER AT CRESSEY

CATION: LAT 37-25-30, LONG 120-39-48, T06S, R12E, SEC. 09, MD B&M MERCED COUNTY

AINAGE AREA: 1224.0 SQ MILES HYDROLOGIC AREA: B-08.H0

ER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	314 *	203 *	1170	1490	465	220	248 *	215 *	145	183 *	106 *	160	1
	213	198	1160	1480	405	284	207	192	176	140	103	146	2
	184	207	1170 *	1500 *	281	216	149	210	228 *	137	150	121 *	3
	222	194	1150	1470	262 *	183	129	188	212	149	204	101	4
	204	200	1150	736	254	195 *	136	192	202	204	162	102	5
	191	207	1150	617	256	199	156	201	148	143	93	78	6
	179	222	1150	596	244	234	169	176	133	131	114	83	7
	197	244	1170	582	268	229	208	176	148	147	138	118	8
	235	249	1170	565	748	201	189	210	130	115	127	131	9
	240	250	1210	551	401	213	192	231	129	125	115	178	10
	301	254	1190	540	301	420	179	266	124	138	133	160	11
	956	244	1200	547	268	355	175	277	126	161	148	149	12
	492	262 *	1190	538	241 *	276	236	261 *	153	146	126	132	13
	364	245	1200	533	234	222	228	213	159	115	95 *	124	14
	340	224	1200	525 *	234	221	208	212	146	141 *	98	129	15
	317 *	228	1250	527	228	227	196 *	219	164	1572	103	138 *	16
	345	224	1220 *	464	223	230	189	193	189	146	116	105	17
	277	252	930	443	228	252	193	173	181	137	134	84	18
	266	221	899	443	218	266 *	244	217	137	119	194	67	19
	292	381	853	440	219	224	265	204	133	127	164	82	20
	301	970	724	441	214	215	266	163	143	130	163	110	21
	280	1150	1090	455	219	204	245	190	157	148	186	190	22
	253	1160	1200	454	175	185	233	174	167	120	190	190	23
	229	1190	1230	454	198	174	240	100	212	112	205	212	24
	216	1170	1240	452	212	168	224	113	159	108	197	245	25
	223	1160	1240	451	209	181	243	113	159	104	202	240	26
	224	1180	1260	455	214	249	271	138	204	117	175	252	27
	219	1290	1270	459	216	280	266	165	225	133	158	269	28
	223	1190	1430	467	--	324	254	161	240	143	146	275	29
	223	1170	1460	463	--	278	261	170	226	139	117	298	30
	211	--	1470	464	--	255	--	158	--	133	142	--	31
AILY AN	282	545	1174	632	273	238	213	189	169	183	145	156	
AX	956	1290	1470	1500	748	420	271	277	240	1572	205	298	
IN	179	194	724	440	175	168	129	100	124	104	93	67	
CRE ET	17320	32410	72190	38880	15140	14640	12690	11640	10030	11230	8934	9261	

AN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
351	Tue Jan 01, 1985	15	1510	13.76	Wed Sep 18, 1985	2200	64	10.93	254365

EMARKS:

tation located on the right bank 150 feet downstream of McSwain Bridge in the town of Cressey.

age was moved 400 downstream on May 20, 1960. Flow is regulated by upstream reservoirs and diversions.

he datum for this station from 1950 to 1962 is 96.2, USCGS.
he datum for this station from 1962 to present is 86.2, USCGS.

- Estimated. NR - No record. * - Discharge measurement or observation of no flow.

OR PERIOD OF RECORD BEGINNING 1941:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		34400	22.67	Mon Dec 04, 1950	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B08735 ORESTIMBA CREEK BELOW HIGHWAY 33

LOCATION: LAT 37-22-42, LONG 121-03-18, T06S, R08E, SEC. 26, MD B&M STANISLAUS COUNTY

DRAINAGE AREA: 196.1 SQ MILES HYDROLOGIC AREA: B-06.A0

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	6.2*	22 *	0.7	1.8	3.5	60 *	40 *	13 *	17	15 *	55 *	48	1
2	10	32	0.8	1.5	2.0	17	52	12	35	4.7	65	37	2
3	9.7	17	0.7*	1.8*	2.9	38	20	21	34 *	5.1	56	25	3
4	3.0	4.5	1.3	1.5	1.5*	51	6.1	15	13	7.3	58	12 *	4
5	8.0	5.2	1.0	1.4	3.3	57	19	65	26	15	60	32	5
6	4.1	3.7	1.1	1.2	2.9	56	28	23	16	11	39	54	6
7	26	3.3	1.3	1.6	3.4	66	22	41	30	10	33	72	7
8	35	16	1.3	1.4	5.6	22	48	45	33	20	36	135	8
9	22	38	0.9	1.8	3.1	19	32	57	61	13	31	97	9
10	8.0	12	1.0	1.3	2.3	26	11	47	60	14	19	81	10
11	21	0.2	9.6	2.2	2.3	24	10	62	21	29	51	60	11
12	29	1.6	15	6.2	2.8	15	13	79	17	43	34	38	12
13	29	5.9	0.6	4.2	3.3	7.6	13	103	31	39	16	27	13
14	10	6.2*	5.4	2.7*	1.1*	20	12	86 *	15	51	13	32	14
15	17 *	10	3.9	1.7	2.3	30	12	69	32	74	8.9*	51	15
16	15	19	3.3	1.4	2.8	14	6.7*	18	78	57 *	14	62 *	16
17	5.2	16	2.2*	1.3	3.7	29	21	33	28 *	43	21	36	17
18	2.8	5.6	2.0	1.1	3.7	12	11	36	22	47	31	16	18
19	3.7	3.7	0.9	1.0	2.9	3.3*	10	41	23	44	22	48	19
20	3.4	2.5	2.4	1.0	8.6	2.6	15	77	35	36	14	44	20
21	1.0	1.5	2.4	1.1	7.0	4.4	21	47	26	34	17	39	21
22	1.2	1.5	1.0	1.1	47	2.7	14	22	8.2	38	17	54	22
23	1.5	1.2	0.6	1.2	43	7.8	15	12	10	38	19	67	23
24	26	1.5	0.5	1.2	77	26	19	4.4	17	38	12	34	24
25	46	1.5	1.0	1.4	103	19	26	5.3	18	36	30	39	25
26	34	1.4	0.6	3.0	84	26	60	27	5.8	37	41	40	26
27	31	2.6	1.4	3.6	62	79	41	31	2.5	50	28	71	27
28	37	0.7	1.2	3.3	51	94	33	41	1.8	52	48	88	28
29	41	0.6	1.3	2.9		83	33	14	1.5	54	53	86	29
30	76	0.8	1.3	2.0		77	35	21	23	48	51	81	30
31	15		1.7	3.3		81		9.0		52	41		31
DAILY MEAN	18.6	7.9	2.2	2.0	19.2	34.5	23.3	38.0	24.7	34.0	33.4	53.5	
MAX	76	38	15	6.2	103	94	60	103	78	74	65	135	
MIN	1.0	0.2	0.5	1.0	1.1	2.6	6.1	4.4	1.5	4.7	8.9	12	
ACRE FEET	1146	471	136	123	1067	2121	1386	2334	1469	2093	2051	3185	

Summary Data for Water Year 1984-5

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
24.3	September 5	0845	714	6.00	December 14	0600	0.0	0.51	17582

WATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

REMARKS:

Station is located 400 feet downstream of Highway 33, 1.0 mile south of the intersection of Crows Landing Road and Highway 33.

Summer flows are irrigation drainage.

The datum for this station from 1959 to present is .0, local.

FOR PERIOD OF RECORD BEGINNING 1972:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		2650	12.08	Friday February 1, 1963	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

ATION NUMBER: B07200 SAN JOAQUIN RIVER AT PATTERSON BRIDGE

CATION: LAT 37-29-54, LONG 121-04-54, T05S, R08E, SEC. 15, MD B&M STANISLAUS COUNTY

AINAGE AREA: 9758.0 SQ MILES HYDROLOGIC AREA: B-06.A0

TER YEAR OCTOBER 1984 through SEPTEMBER 1985

Y	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
	996 *	837 *	1670	1740	962	829	1750 *	1110 *	1020	1040 *	1060 *	944	1
	1030	807	1630	1750	931	791	1670	1090	1100	1030	1050	960	2
	1020	772	1610 *	1760 *	898	797	1510	1100	1150 *	966	988	950	3
	995	749	1590	1770	869 *	813 *	1250	1140	1180	934	1000	905 *	4
	1010	745	1610	1730	850	815	1190	1130	1240	969	995	869	5
	970	740	1620	1460	822	866	1150	1100	1240	933	906	929	6
	977	735	1620	1200	803	927	1190	1010	1160	922	848	911	7
	1060	767	1620	1140	814	938	1270	1020	1060	991	845	973	8
	1040	747	1620	1110	837	964	1180	1010	1110	948	855	1090	9
	1010	762	1630	1100	1050	1110	1130	988	1090	899	912	1100	10
	1060	743	1650	1080	1280	1270	1110	1050	999	858	932	1090	11
	1110	728	1660	1070	1380	1380	1180	1120	893	843	957	973	12
	1400	731	1640	1080	1300 *	1510	1210	1200	866	841	881	953	13
	1560	728 *	1610	1100 *	1140	1520	1250	1240 *	834	862	861	943	14
	1440 *	733	1600	1130	1000	1440	1260	1190	820	868	833 *	956	15
	1460	752	1580	1130	935	1340	1150 *	1140	871	854 *	829	1080 *	16
	1530	765	1580 *	1100	906	1310	1240	1130	863 *	823	864	1020	17
	1560	762	1610	1050	895	1320	1360	1100	834	820	959	993	18
	1570	761	1530	1000	879	1390 *	1370	1100	861	834	981	954	19
	1540	781	1430	988	868	1470	1330	1160	860	824	942	973	20
	1480	801	1400	993	846	1390	1380	1100	919	867	974	959	21
	1380	979	1320	956	855	1290	1350	1110	896	914	996	942	22
	1260	1240	1340	927	861	1240	1250	1060	874	873	985	989	23
	1260	1370	1490	922	848	1260	1210	1030	956	858	999	1010	24
	1270	1450	1550	928	858	1310	1260	977	928	835	1050	1080	25
	1210	1500	1570	928	843	1200	1270	1010	886	840	1030	1080	26
	1180	1520	1590	928	826	1340	1180	1090	873	845	1000	1060	27
	1140	1540	1600	933	846	1500	1150	1130	900	896	1000	1130	28
	1070	1570	1610	941		1630	1190	1110	886	1020	932	1060	29
	1000	1630	1660	958		1750	1110	1050	926	980	937	1040	30
	912		1720	971		1830		999		1000	917		31
AILY EAN	1210	958	1579	1157	936	1243	1270	1090	970	903	946	997	
AX	1570	1630	1720	1770	1380	1830	1750	1240	1240	1040	1060	1130	
IN	912	728	1320	922	803	791	1110	977	820	820	829	869	
RE ET	74380	57010	97110	71150	51970	76440	75570	67030	57710	55510	58150	59340	

mmary Data for Water Year 1984-5

EAN FLOW	INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
1107	March 31	1115	1850	35.34	November 12	1245	724	33.12	801370

ATER YEAR 1985: E = Estimated. NR = No record. * = Discharge measurement or observation of no flow.

EMARKS:

tation located on the downstream side of County Road J17 Bridge, 3.1 miles northeast of Patterson.

nly gage height data is available for the period 1938-66. Discharge data is available since Oct 1969.

The datum for this station from 1939 to 1959 is .0, USED.
he datum for this station from 1959 to present is .0, USCGD.
he datum for this station from 1959 to present is 3.5, USED.

OR PERIOD OF RECORD BEGINNING 1938:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		28700	51.26	Friday March 4, 1983	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B04150 TUOLUMNE RIVER AT HICKMAN BRIDGE

LOCATION: LAT 37-38-06, LONG 120-45-12, T03S, R11E, SEC. 33, MD B&M STANISLAUS COUNTY

DRAINAGE AREA: 1642.0 SQ MILES HYDROLOGIC AREA: B-08.E0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	122	589 *	597	1670	1630	749	354 *	282 *	75	69 *	76 *	68	1
2	296 *	541	574	1160	1230	525	211	135	77	188	72	69	2
3	429	533	1350 *	1860 *	846	484	196	94	78	180	71	67 *	3
4	477	523	3030	1980	754	533 *	187	89	72 *	181	79	69	4
5	482	521	2980	1620	1710 *	597	185	91	68	83	75	89	5
6	474	529	2700	1060	1710	628	186	85	71	150	65	104	6
7	441	532	2230	879	1710	568	189	79	70	88	73	218	7
8	342	558	1970	1730	1930	491	187	79	71	75	73	107	8
9	477	538	1470	1730	1480	473	189	78	81	156	75	92	9
10	488	528	1420	1800	923	483	188	74	101	221	142	92	10
11	506	525	2860	1850	872	517	187	70	234	87	89	97	11
12	487	518	2920	1540	1550	483	185	75	252	72	81	96	12
13	487	538 *	3060	989	1370 *	478	191	80 *	218	70	69 *	77	13
14	381	522	3080	1070	1400	475	192	79	148	73	73 *	73	14
15	420	533	2730	2110	1390	472	187	74	123	74 *	70	77	15
16	1480	545	1860	2070	1100	471	183 *	75	93	131	69	75 *	16
17	1550	522	1390 *	2060 *	776	470	193	95	82 *	145	72	70	17
18	691	526	2950	2020	520	478	191	79	122	79	157	71	18
19	616	516	2910	1610	737	478 *	203	82	102	68	89	76	19
20	584	519	2890	1020	1390	475	206	80	78	67	75	77	20
21	532	520	2850	963	1540	470	212	70	71	68	70	73	21
22	556	516	2380	1940	1470	467	211	68	72	67	70	76	22
23	601	512	1530	1970	1210	468	205	69	76	73	68	77	23
24	606	543	1170	2040	855	483	201	68	74	135	67	76	24
25	603	531	1680	1910	756	463	200	72	68	218	191	76	25
26	935	575	1260	1480	979	491	204	74	66	135	90	75	26
27	1030	638	2830	943	1130	503	206	77	64	146	131	74	27
28	976	604	2780	935	855	477	210	76	134	85	133	75	28
29	1010	597	2460	1790	--	469	207	73	77	75	81	84	29
30	1060	599	1510	1890	--	457	208	70	69	64	73	102	30
31	1020	--	1140	1800	--	452	--	73	--	128	69	--	31
DAILY MEAN	650	543	2147	1596	1208	501	202	86.0	99.6	111	86.7	85.1	
MAX	1550	638	3080	2110	1930	749	354	282	252	221	191	218	
MIN	122	512	574	879	520	452	183	68	64	64	65	67	
ACRE FEET	39980	32310	132000	98160	67090	30800	12010	5286	5925	6845	5332	5062	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
609	Wed Dec 05, 1984	400	4660	74.95	Fri Jun 28, 1985	45	59	69.50	440800

REMARKS:

Station is located on the left bank 300 feet upstream of Hickman Road Bridge, on the south side of Waterford.

Flow is regulated by upstream reservoirs and diversions.

Several periods of record are missing from July 1932 to March 1939.

The datum for this station from 1932 to present is -1.1, USCGS.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1932:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		59000	96.20	Fri Dec 08, 1950	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

ATION NUMBER: B04130 DRY CREEK NEAR MODESTO

CATION: LAT 37-39-24, LONG 120-55-24, T03S, R09E, SEC. 24, MD B&M STANISLAUS COUNTY

AINAGE AREA: 192.2 SQ MILES HYDROLOGIC AREA: B-08.C0

ER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	126 E	433 •	116	24	.0	11	52	94	97	69 •	77	65
2	125 •	456	36	24	.0	31	53 •	75 •	97	59	89 •	66
3	126	455	29	25	.0	25	55	84	108	56	86	83
4	126	456	61 •	24 •	15	24	38	85	109 •	56	90	73
5	171	454	36	23	25 •	25 •	36	92	112	63	82	83
6	286	450	34	22	17	43	34	98	125	80	81	90
7	303	447	57	21	9.1	72	33	95	110	63	91	84
8	300	452	36	21	90	59	36	82	95	62	90	82
9	239	442	21	33	1730	91	26	94	93	65	80	101
10	237	442	17	49	294	83	21	83	95	65	86	108
11	179	440	85	44	137	91	32	91	86	75	78	100
12	188	439	99	41	96	123	44	88	82	74	69	101
13	157	442	53	35	75	101	47	97 •	69	76	86	121
14	159	453 •	32	32	62 •	75	44	98	63	80	94	109
15	172 •	443	23	30	54	69	46	92	59	83	89	97
16	132	451	259	27 •	47	66	70	95	69	91	76 •	111
17	133	450	264	25	40	53	92 •	92	74 •	91 •	70	84
18	126	444	110 •	22	36	44 •	96	93	74	91	86	75
19	215	436	71	20	32	37	65	102	69	82	91	90
20	81	431	50	16	28	38	74	87	63	81	92	82
21	46	429	38	13	26	43	90	86	62	88	93	78
22	83	424	30	13	24	31	89	80	55	96	82	90
23	262	419	24	9.5	21	26	83	76	60	94	90	82
24	73	432	24	8.1	20	24	90	78	58	97	85	68
25	41	491	24	6.6	18	24	98	84	65	80	76	72
26	39	490	22	3.4	15	28	100	92	67	74	77	85
27	39	446	26	.0	13	63	92	96	68	80	68	84
28	36	438	30	.0	12	62	86	94	61	87	67	87
29	96	470	28	.0	--	233	97	97	67	70	74	80
30	87	466	27	.0	--	108	92	103	63	72	67	80
31	138	--	26	.0	--	71	--	105	--	69	66	--
DAILY MEAN	146	447	57.7	19.7	105	60.5	63.7	90.6	79.2	76.4	81.5	87.0
MAX	303	491	264	49	1730	233	100	105	125	97	94	121
MIN	36	419	17	.0	.0	11	21	75	55	56	66	65
ACRE FEET	8967	26620	3546	1213	5824	3717	3790	5570	4711	4699	5014	5179

EAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
109	Sat Feb 09, 1985	800	2460	77.71	Sun Dec 16, 1984	1215	.0	.00	78850

EMARKS:

tation is located on left bank 0.1 mile downstream of Claus Road, 4 miles east of Modesto.

ata for period 1930-1941 is available for a station 2.5 miles downstream.

tation is operated in cooperation with Modesto Irrigation District. Station was moved approximately 100 feet downstream in October 1984.

he datum for this station from 1941 to present is .0, USCGS.

: - Estimated. NR - No record. • - Discharge measurement or observation of no flow.

OR PERIOD OF RECORD BEGINNING 1928:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		7710	88.04	Fri Dec 23, 1955	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B07040 SAN JOAQUIN RIVER AT MAZE ROAD BRIDGE

LOCATION: LAT 37-38-24, LONG 121-13-36, T03S, R07E, SEC. 29, MD B&M STANISLAUS COUNTY

DRAINAGE AREA: 12400.0 SQ MILES HYDROLOGIC AREA: B-06.A0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	1930 *	2450 *	3030	3620	3080	2020	2860 *	1320 *	1270	1240 *	1290 *	1130	1
2	1840	2330	2740	3980	2990	1850	2570	1370	1440	1540	1360	1090	2
3	1950	2190	2650 *	3590 *	2700	1690	2240	1300	1640 *	1490	1330	1050	3
4	2050	2110	2960	4090	2250 *	1620	1960	1250	1560	1470	1380	1060 *	4
5	2180	1780	4100	4030	2060	1680	1750	1320	1530	1470	1330	1030	5
6	2330	1770	4310	3710	2630	1900	1580	1370	1520	1480	1180	1030	6
7	2460	1770	4190	2530	2690	2040	1660	1250	1490	1440	1070	1080	7
8	2510	1830	3880	2230	2740	2030	1750	1210	1400	1500	928	1260	8
9	2450	1840	3670	2620	3320	1910	1460	1220	1370	1450	949	1480	9
10	2420	2110	3370	3120	3810	2030	1550	1230	1280	1310	1010	1500	10
11	2540	2090	3160	3060	2880	2510	1550	1250	1390	1360	1280	1560	11
12	2640	2050	4110	3070	2690	2030	1550	1360	1330	1360	1350	1480	12
13	2780	2070	4250	2890	3080 *	2420	1670	1420 *	1270	1290	1250	1440	13
14	3040	2070	4290	2460 *	2930	2460	1710	1400	1240	1330	1190	1440	14
15	2980	2070	4300	2440	2760	2400	1770	1340	1200	1400	1120 *	1430	15
16	2980	2110	4170	3150	2640	2260	1640 *	1320	1140	1210 *	1090	1480 *	16
17	3760	2160	3950 *	3190	2400	2250	1650	1290	1150 *	1110	1210	1560	17
18	4110	2120	3560	3200	2090	2330	1850	1270	1150	1160	1420	1480	18
19	3900	2100	4480	3190	1820	2380	1960	1250	1130	1140	1520	1450	19
20	3710	2080	4540	2990	1640	2390	1970	1310	1150	1110	1440	1390	20
21	3240	2100	4490	2560	2340	2350	1970	1260	1170	1150	1350	1390	21
22	2910	2170	4450	2410	2510	2190	2060	1210	1190	1230	1330	1400	22
23	2790	2430	4180	3050	2510	2150	1920	1190	1180	1190	1290	1420	23
24	2820	2640	3660	3110	2370	2160	1710	1160	1200	1130	1330	1420	24
25	2640	2790	3360	3140	2060	2230	1710	1120	1200	1080	1430	1430	25
26	2560	2880	3760	3080	1830	2060	1820	1090	1160	1070	1450	1490	26
27	2610	2910	3460	2820	2020	2310	1790	1110	1100	1160	1380	1480	27
28	2650	2980	4470	2420	2080	2560	1610	1220	1060	1250	1320	1530	28
29	2540	2960	4640	2310	--	2740	1670	1240	1080	1320	1220	1610	29
30	2540	3040	4520	2900	--	2880	1530	1200	1120	1310	1160	1600	30
31	2480	--	3980	3050	--	2900	--	1170	--	1300	1150	--	31
DAILY MEAN	2721	2267	3893	3033	2533	2217	1816	1259	1270	1292	1262	1373	
MAX	4110	3040	4640	4090	3810	2900	2860	1420	1640	1540	1520	1610	
MIN	1840	1770	2650	2230	1640	1620	1460	1090	1060	1070	928	1030	
ACRE FEET	167300	134900	239400	186500	140700	136300	108100	77390	75590	79440	77570	81700	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
2078	Wed Dec 19, 1984	2345	4810	18.84	Thu Aug 08, 1985	1145	908	13.84	1504890

REMARKS:

Station is located on downstream side of State Highway 132 bridge, 13 miles west of Modesto.

Gage height-discharge relationship is affected by backwater from the Stanislaus River during high flows in the Stanislaus River.

E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1943:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		45550	36.87	Fri Feb 28, 1969	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B03175 STANISLAUS RIVER AT ORANGE BLOSSOM BRG

LOCATION: LAT 37-47-18, LONG 120-45-42, T02S, R11E, SEC. 04, MD B&M STANISLAUS COUNTY

DRAINAGE AREA: 1020.1 SQ MILES HYDROLOGIC AREA: B-08.C0

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	410	261	258	1300	1030	549	246	783	610	1470	1280	397
2	390 *	265 *	252	1300	789	551	248 *	783 *	623	1480 *	1250 *	387
3	385	267	267	1200	514	549	256	785	607	1480	1260	373
4	382	266	263 *	1080 *	502	546	286	785	600 *	1480	1270	360
5	384	262	260	1080	498 *	549 *	440	782	541	1470	1250	341 *
6	387	265	268	1080	535	551	742	785	356	1460	487	325
7	384	270	246	1090	515	568	767	784	222	1460	1230	316
8	389	285	238	1100	998	559	764	778	220	1410	1310	314
9	398	272	236	825	668	542	773	775	221	1400	1300	367
10	403	269	269	752	568	546	760	765	237	1430	1330	326
11	421	270	259	848	551	555	766	629	286	1430	1320	325
12	416	273	246	848	551	544	773	489	352	1430	1340	325
13	418	303	237	850	557	533	763	442 *	492	1440	1340	335
14	428	292 *	237	852	559 *	529	759	415	501	1460	1350	352
15	1290	302	658	855 *	559	525	765	334	682	1430	1360	351
16	1640 *	321	1340	851	560	460	772	308	700	1400	1360 *	346
17	1630	330	1230	844	563	406	771 *	270	711	1400 *	1360	282 *
18	1610	343	1230 *	882	556	390 *	768	277	703 *	1400	1370	282
19	1390	338	1230	1100	551	307	780	282	464	1410	1350	279
20	436	345	1240	1100	555	232	767	278	461	1400	1320	282
21	257	361	1250	1090	559	231	759	271	403	1380	1340	285
22	248	378	1250	1090	555	233	763	265	404	1360	1350	280
23	254	385	1250	1090	555	232	766	270	407	1330	1340	278
24	270	401	1260	1080	555	233	778	281	399	1360	1340	278
25	266	292	1260	1070	555	232	776	276	403	1380	1340	280
26	262	248	1270	1070	556	238	773	270	403	1370	1340	280
27	260	263	1270	1060	555	271	766	266	405	1360	1120	282
28	261	318	1280	1060	547	282	785	268	401	1350	872	283
29	263	265	1290	1060		262	781	274	750	1340	849	287
30	270	256	1290	1040		248	773	355	1420	1330	795	280
31	281		1290	1170		248		601		1320	436	
DAILY MEAN	532	299	788	1023	593	410	690	481	499	1407	1212	316
MAX	1640	401	1340	1300	1030	568	785	785	1420	1480	1370	397
MIN	248	248	236	752	498	231	246	265	220	1320	436	278
ACRE FEET	32690	17780	48440	62910	32960	25190	41030	29610	29720	86520	74500	18800

Summary Data for Water Year 1984-5

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
691	October 16	1630	1690	5.66	November 26	1815	168	2.32	500150

WATER YEAR 1985: E = Estimated. NR = No record. * = Discharge measurement or observation of no flow.

REMARKS:

Station is located on the upstream side of Orange Blossom Bridge, 5.0 miles east of Oakdale.

Flow is regulated by upstream reservoirs and diversions.

Station is operated in cooperation with the Division of Flood Management and is equipped with telemeter equipment.

Gage datum for this station from 1928 to present is 117.2, USCGS.

FOR PERIOD OF RECORD BEGINNING 1928:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		62000	31.80	Friday December 23, 1955	

TABLE B (CONTINUED)
DAILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND

STATION NUMBER: B03115 STANISLAUS RIVER AT KOETITZ RANCH

LOCATION: LAT 37-42-00, LONG 121-10-12, T03S, R07E, SEC. 02, MD B&M STANISLAUS COUNTY

DRAINAGE AREA: HYDROLOGIC AREA: B-08.C0

WATER YEAR OCTOBER 1984 through SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	998 *	398 *	396	1240	1140	686	494 *	936 *	713	1160 *	1430 *	704	1
2	823	390	382	1250	1090	683	455	946	808	1320	1410	631	2
3	812	388	391 *	1250 *	932	677	420	993	859 *	1360	1370	579	3
4	794	384	418	1200	727	718 *	437	953	826	1400	1360	542 *	4
5	802	380	397	1100	674	696	467	1040	805	1440	1350	544	5
6	876	376	377	1080	657	707	586	1080	750	1400	1290	558	6
7	907	376	372	1080	666	734	830	992	618	1430	924	532	7
8	857	393	364	1090	675	729	901	964	488	1440	1200	579	8
9	791	395	358	1080	953	733	842	1010	485	1450	1310	552	9
10	724	389	363	935	860	745	861	1020	488	1380	1330	550	10
11	784	385	387	834	723	839	849	1000	430	1420	1360	565	11
12	865	383	403	872	682	744	883	940	420	1440	1380	529	12
13	850	393	375	870	665	707	902	874	475	1450	1380	539	13
14	851	446 *	362	863 *	664	714	916	742 *	585	1510	1340	554	14
15	857 *	430	363	855	662	702	957	680	583	1510	1330 *	546	15
16	1220	404	544 *	853	657	686	925 *	613	704	1400	1360	541 *	16
17	1590	397	1030	848	650	667	957	581	808 *	1400 *	1410	520	17
18	1710	391	1070	847	644	649	992	557	790	1410	1460	488	18
19	1790	398	1100	873	637	628 *	1000	576	805	1390	1440	456	19
20	1700	378	1120	1010	632	575	1020	615	685	1420	1440	466	20
21	1160	370	1140	1050	685	527	1040	548 E	698	1450	1370	497	21
22	901	371	1160	1050	756	461	1050	532 E	633	1440	1340	515	22
23	781	375	1170	1060	710	465	1000	508	650	1390	1340	487	23
24	602	387	1180	1060	704	496	961	523	623	1370	1320	471	24
25	526	457	1190	1060	695	481	976	458	539	1350	1310	460	25
26	486	462	1190	1060	680	431	1080	535	511	1380	1340	448	26
27	445	404	1200	1060	666	492	979	558	524	1410	1320	453	27
28	421	397	1210	1060	662	493	989	493	600	1440	1190	445	28
29	411	442	1220	1070		540	1060	486	616	1450	989	484	29
30	401	429	1230	1070		547	989	487	706	1420	939	500	30
31	392		1230	1070		515		557		1430	889		31
DAILY MEAN	875	399	764	1023	734	628	861	735	641	1408	1297	525	
MAX	1790	462	1230	1250	1140	839	1080	1080	859	1510	1460	704	
MIN	392	370	358	834	632	431	420	458	420	1160	889	445	
ACRE FEET	53810	23740	46990	62880	40760	38610	51210	45220	38130	86600	79780	31210	

Summary Data for Water Year 1984-5

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW				INSTANTANEOUS MINIMUM FLOW				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEE
827	October 20	0030	1810	34.44	December 15	0700	355	28.12	59894

WATER YEAR 1985: E - Estimated. NR - No record. * - Discharge measurement or observation of no flow.

REMARKS:

Station is located on the left bank, 9.35 miles upstream from the San Joaquin River, 3.7 miles south west of Ripon.

Water bypasses station at a gage height of approximately 45 feet by overflowing the right bank. Discharge is consequently not computed f maximum flows above 45 feet.

Backwater from the San Joaquin River may at times affect the stage-discharge relationship.

The datum for this station from 1950 to 1962 is .6, USCGS.
The datum for this station from 1963 to 1969 is .4, USCGS.
The datum for this station from 1970 to present is .0,.

FOR PERIOD OF RECORD BEGINNING 1950:

	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR					
INSTANTANEOUS MAXIMUM		6370	44.93	Wednesday June 4, 1975	1015

APPENDIX C

SURFACE WATER QUALITY

SAMPLING STATION INDEX

San Joaquin Valley

Station	Station Number	Map Page	Location*	Areal Code	Beginning of Record	Analyses on Page
BEAR C BL BEAR RES NR PLANADA	B0 5570.00	82	07S/16E-05M	B1200	MAY 1976	90, 105
BIG C AB PINE FLAT RES NR TRIMMER	C1 1320.00	85	12S/25E-04M	C03B1	JUL 1960	93,108
BURNS C BL BURNS DM NR PLANADA	B5 6100.00	82	06S/15E-36M	B08J0	JAN 1978	91, 106
CANAL C A OAKDALE RD	B0 5166.50	82	06S/13E-10M	B08J0	FEB 1974	90, 105
CHOWCHILLA R BL BUCHANAN DM NR RY	B6 4159.00	82	08S/18E-22M	B13A1	MAY 1976	91, 103, 107
DELTA MENDOTA CA TO MENDOTA POOL	B0 0770.00	84	13S/15E-19M	B06B0	JULY 1952	89, 105
DINKEY C AB DINKEY C RES	C1 2207.10	85	10S/26E-08M	C03B3	SEPT 1982	94, 108
DINKEY C BL DINKEY C RES	C1 2199.10	85	11S/26E-10M	C03B3	SEPT 1982	93, 108
DRY CREEK AT THOMPSON AVE FORD	C1 5151.60	85	12S/22E-19M	C01D0	APR 1984	94, 100, 103, 108, 1
DRY C NR MODESTO	B0 4130.00	82	03S/09E-24M	B08C0	JULY 1976	89, 98, 105, 108
FRESNO R BL HIDDEN DM NR DAULTON	B6 7150.00	82	09S/19E-34M	B13B0	JAN 1958	91, 103, 107
FRESNO R BL OAKHURST	B6 7283.90	83	07S/20E-02M	B13C0	SEPT 1982	91, 107
FRESNO R LEWIS F NR OAKHURST	B6 7325.00	83	07S/21E-02M	B13C0	FEB 1976	91, 107
KAWEAH R BL TERMINUS DM	C0 2185.00	85	17S/27E-26M	C01K0	JAN 1961	93, 103
KERN R AB FAIRVIEW	C5 1660.10	87	23S/32E-12M	C06B2	OCT 1974	94, 109
KERN R BL ISABELLA DAM	C5 1350.00	87	26S/33E-30M	C06A0	SEPT 1955	94, 109
KERN R NR BAKERSFIELD	C0 5150.00	87	29S/28E-02M	C01U0	APR 1951	93, 108
KINGS R BL NF NR TRIMMER	C1 1460.00	85	12S/26E-21M	C03B1	SEPT 1955	93, 108
KINGS R BL PEOPLES WR NR KINGSBURG	C0 1140.00	85	17S/22E-01M	C01F0	FEB 1952	93, 108
LOS BANOS CR AT CONF NO AND SO FK	B8 8427.10	84	11S/08E-20M	B07D1	NOV 1984	92, 100, 107
LOS BANOS CRK AT END OF RESERVOIR	B8 8429.60	84	11S/09E-16M	B07D1	NOV 1984	92, 100, 107
LOS BANOS RESERVOIR	B8R 659.3 156.0	84	11S/09E-12M	B07D2	JULY 1984	92, 100, 107
MARIPOSA C BL MARIPOSA DM	B6 2100.00	82	07S/16E-36M	B12J0	JAN 1976	91, 107
MERCED R A MILLIKEN BR	B0 5131.00	82	06S/10E-34M	B08G0	NOV 1965	89, 98, 103, 105
MERCED R BL MERCED FALLS DAM	B0 5184.00	82	05S/15E-04M	B08J0	MAR 1976	90, 105
MUD SLU NR STEVINSON	B0 0400.00	82	07S/09E-26M	B08G0	AUG 1985	89, 97, 105
ORESTIMBA C BL HWY 33	B0 8735.00	82	06S/08E-26M	B06A0	FEB 1973	91, 99, 100, 106
OWENS C BL OWENS DM NR PLANADA	B0 6170.00	82	07S/16E-23M	B08G0	SEPT 1982	90, 106
POSO C A PORTERVILLE HW NR DOW	C0 4460.00	87	27S/27E-29M	C01U0	MAR 1978	93, 108
POSO C BL GLENNVILLE	C4 4950.10	87	25S/30E-35M	C05E0	DEC 1974	94, 109
POSO C NR OILDALE	CR 4210.00	87	28S/29E-06M	C05E0	APR 1976	94, 108
SALT SLU NR STEVINSON	B0 0470.00	82	08S/10E-10M	B06B0	DEC 1961	89, 97, 105
SALT SPR NEAR LOS BANOS RESERVOIR	B8 8427.50	84	11S/09E-10M	B07D2	JULY 1984	92, 100, 107
SAN JOAQUIN R A FREMONT FORD BR	B0 7375.00	82	07S/09E-24M	B06B0	MAY 1932	90, 99, 106
SAN JOAQUIN R A MAZE RD BR	B0 7040.00	82	03S/07E-29M	B06A0	APR 1934	90, 98, 106
SAN JOAQUIN R BL FRIANT	B0 7885.00	84	11S/21E-07M	B08M0	APR 1951	90, 106
SAN JOAQUIN R BL KERCK NR PRATHER	B7 1180.00	83	10S/22E-10M	B14A1	OCT 1974	92, 107
SAN JOAQUIN R NR GRAY A LAIR SLU	B0 7080.00	82	04S/07E-25M	B06A0	MAY 1932	90, 98, 106
SAN JOAQUIN R NR MENDOTA	B0 7710.00	84	13S/15E-07M	B06B0	APR 1951	90, 106
SAN JOAQUIN R NR STEVINSON	B0 7400.00	82	07S/10E-26M	B06B0	NOV 1975	90, 99, 106
SAN JOAQUIN R PATTERSON BR NR PATTERSON	B0 7200.00	82	05S/08E-15M	B06A0	OCT 1936	90, 99, 106
SAN JOAQUIN R SF A MONO HOT SPR	B7 4250.50	83	07S/27E-10M	B14D0	OCT 1974	92, 107
STANISLAUS R A KOETITZ RANCH	B0 3115.00	82	03S/07E-02M	B08C0	OCT 1963	89, 97, 103, 105
STANISLAUS R BL GOODWIN DM	B3 1130.00	82	01S/12E-15M	B09A0	DEC 1976	91, 106
STANISLAUS R MF A DARDANELLE	B3 3480.10	83	06N/20E-30M	B09E1	SEPT 1974	91, 106
STANISLAUS R NF A CALV BIG TREES	B3 2110.10	82	05N/15E-24M	B09D0	SEPT 1974	91, 106
TULE R BL SUCCESS DM	C0 3196.00	85	21S/28E-35M	C01L0	OCT 1962	93, 108
TUOLUMNE R A LA GRANGE BRIDGE	B0 4175.00	82	03S/14E-20M	B08F0	OCT 1952	89, 105
TUOLUMNE R A TUOLUMNE CITY	B0 4105.00	82	04S/08E-07M	B08E0	APR 1934	89, 97, 103, 105
TUOLUMNE R A TUOLUMNE MDW	B4 1850.10	83	01S/24E-05M	B10E0	SEPT 1974	91, 106

*M = Mount Diablo Base and Meridian. See Appendix D.

APPENDIX C

SURFACE WATER QUALITY

Appendix C presents the results of chemical analyses of surface water samples collected in the San Joaquin Valley from October 1, 1984 to September 30, 1985. The data are presented in five categories:

Table	Title
C-1	Mineral Analyses of Surface Water
C-2	Minor Element Analyses of Surface Water
C-3	Miscellaneous Analyses of Surface Water
C-4	Nutrient Analyses of Surface Water
C-5	Pesticide Analyses of Surface Water

To facilitate use of the surface water quality tables, a sampling station index is provided on the facing page. This index lists the stations in the tables and gives location data for each. The space for station names is restricted to a combination of 25 letters and/or numerals; therefore, some abbreviations are necessary. Pertinent abbreviations are:

A	–	at	MDW	–	meadow
AB	–	above	NF	–	north fork
BL	–	below	R	–	river
BR	–	bridge	RD	–	road
C	–	creek	RES	–	reservoir
CA	–	canal	SF	–	south fork
DM	–	dam	SPR	–	spring(s)
F	–	fork	WR	–	wier
MF	–	middle fork			

The number of pages referenced indicates the extent of analysis for each station. Locations of the stations are shown on Figure 4, pages 82 through 87.

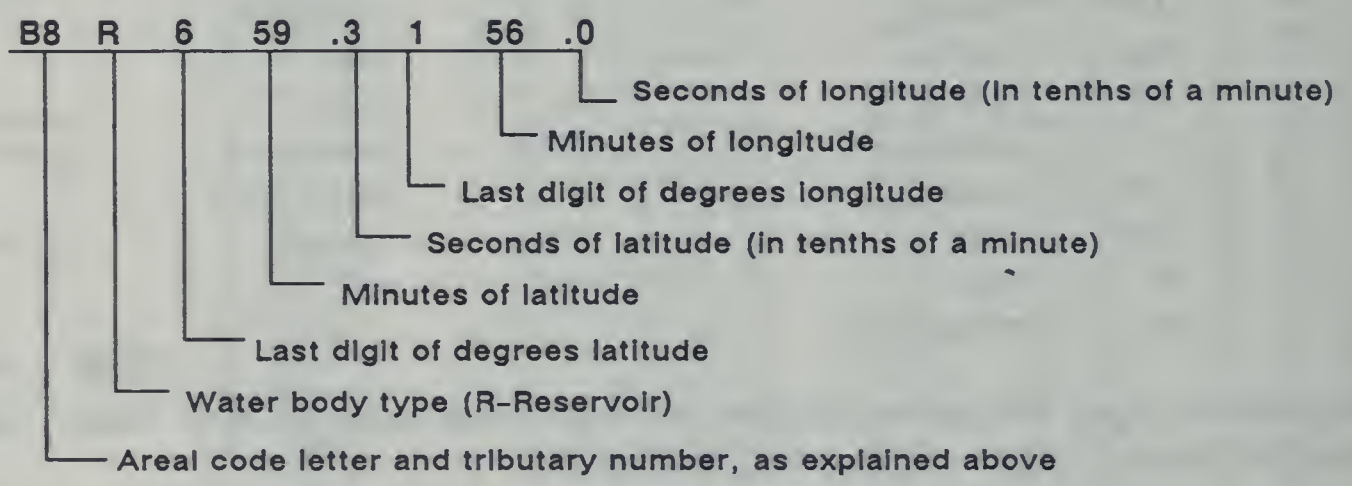
Surface water quality stations are listed in the tables by ascending station number. The station number appears on the left, the station name in the center, and the areal code on the right. The areal code is described on page 2.

As with surface water measurement stations, surface water quality stations are named for the stream and a nearby landmark or post office. An example is the station "Stanislaus River at Koetitz Ranch." If a sampling station is situated at the site of a surface water measurement station, each uses the same name.

The first character of a surface water quality station number designates the basin in which the station is located and is one of the areal code letters shown in Figure 1. The second character, a numeral, designates a specific tributary area within that major basin. These two characters, therefore, indicate the general location of the station. In this appendix, data are reported for the basins and tributaries listed on the following page:

BASIN		TRIBUTARY	
Ltr	Name	No.	Name
B	San Joaquin River	0	San Joaquin Valley Floor
		3	Stanislaus River
		4	Tuolumne River
		5	Merced River
		6	Fresno – Chowchilla River
		7	San Joaquin River
		8	San Joaquin Valley Westside
C	Tulare Lake	0	Tulare Lake Valley Floor
		1	Kings River
		4	Greenhorn Mountains
		5	Kern River

Surface water quality stations located on broad bodies of water have elements of latitude and longitude included in the station number to assist in location. There is only one such station in this volume, the station at Los Banos Reservoir:



In order to increase the amount of information presented in the water quality tables, some columns have multiple headings and data are tabulated respectively. For example, the first column of Table C–1 shows the date of sample collection printed above the time of sampling so the data are tabulated in that order. If a part of the values for a multiple heading column are obtained, they will appear in the column with respect to the heading positions. If dashes (or no data) appear in a column, it means no data was obtained.

At the time of sampling, dissolved oxygen, pH, temperature, specific conductance and gage height are determined.

Abbreviations and codes used in each table are explained at the beginning of each table.

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SACRAMENTO
SACRAMENTO
AMADOR
CALAVERAS
SAN JOAQUIN
STANISLAUS
TUOLUMNE
MARIPOSA
MERCED
MADERA
CLARA
STOCKTON
Lodi
Thornton
Galt
Jackson
Sutter Cr
Ione
San Andreas
Copperopolis
Sonora
Columbia
Jamestown
Tuolumne
Oakdale
Riverbank
Modesto
Empire
Escalon
Manteca
Tracy
Turlock
Hughson
Livingston
Merced
Atwater
Newman
Chowchilla
Los Banos
Coulterville
120°
121°
38°
3
4
5
6
8
B
0
2110.10
1130
3175
3115
7040
4130
4150
4175
4105
7080
1250
5184
5170
7200
5155
5166.5
8735
5131
6100
5570
2410
4300
2400
7375
7400
0400
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5516
5518
6151
6114
0416
0420
0435
5525
6170
2100
4159
7150

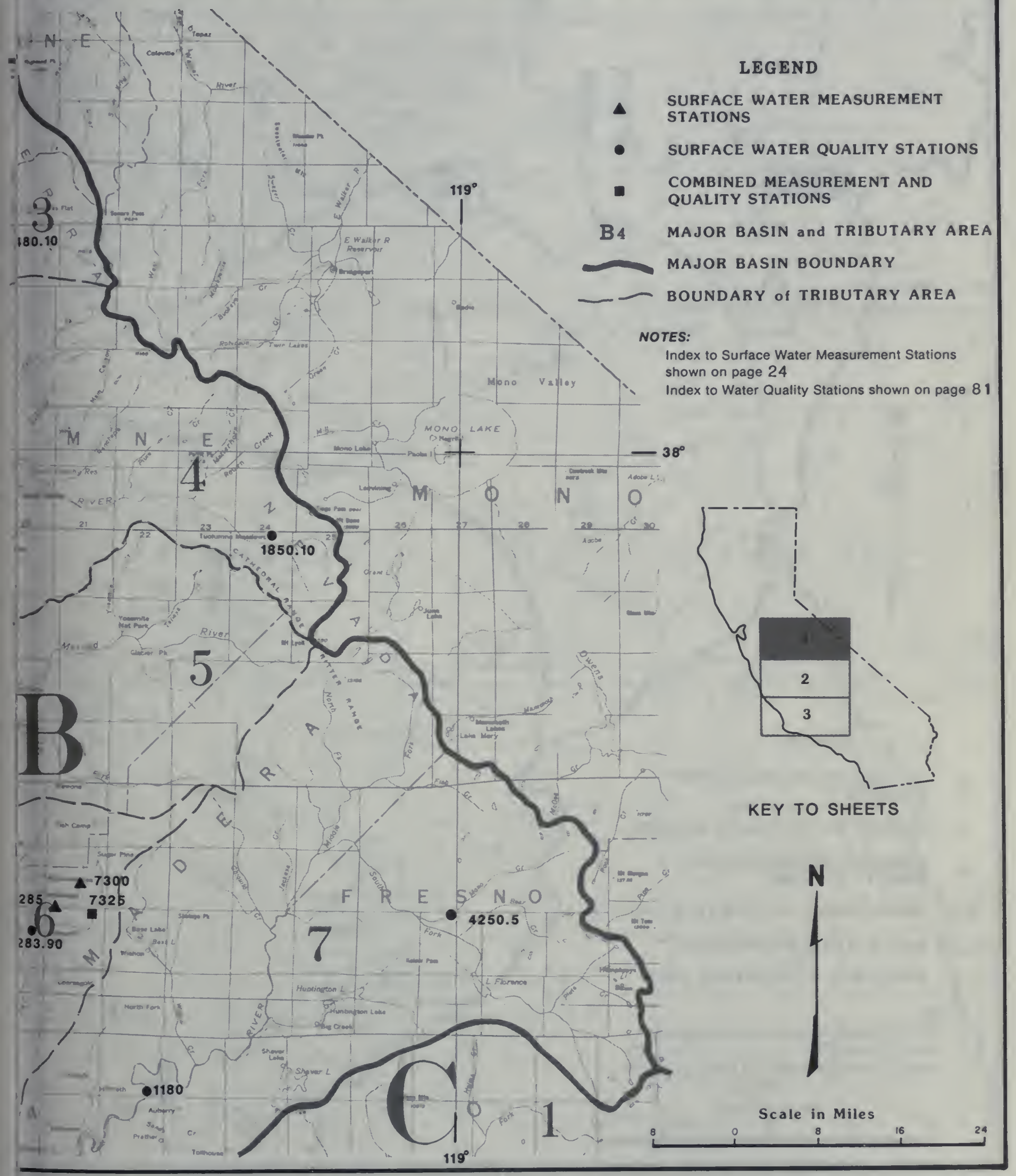
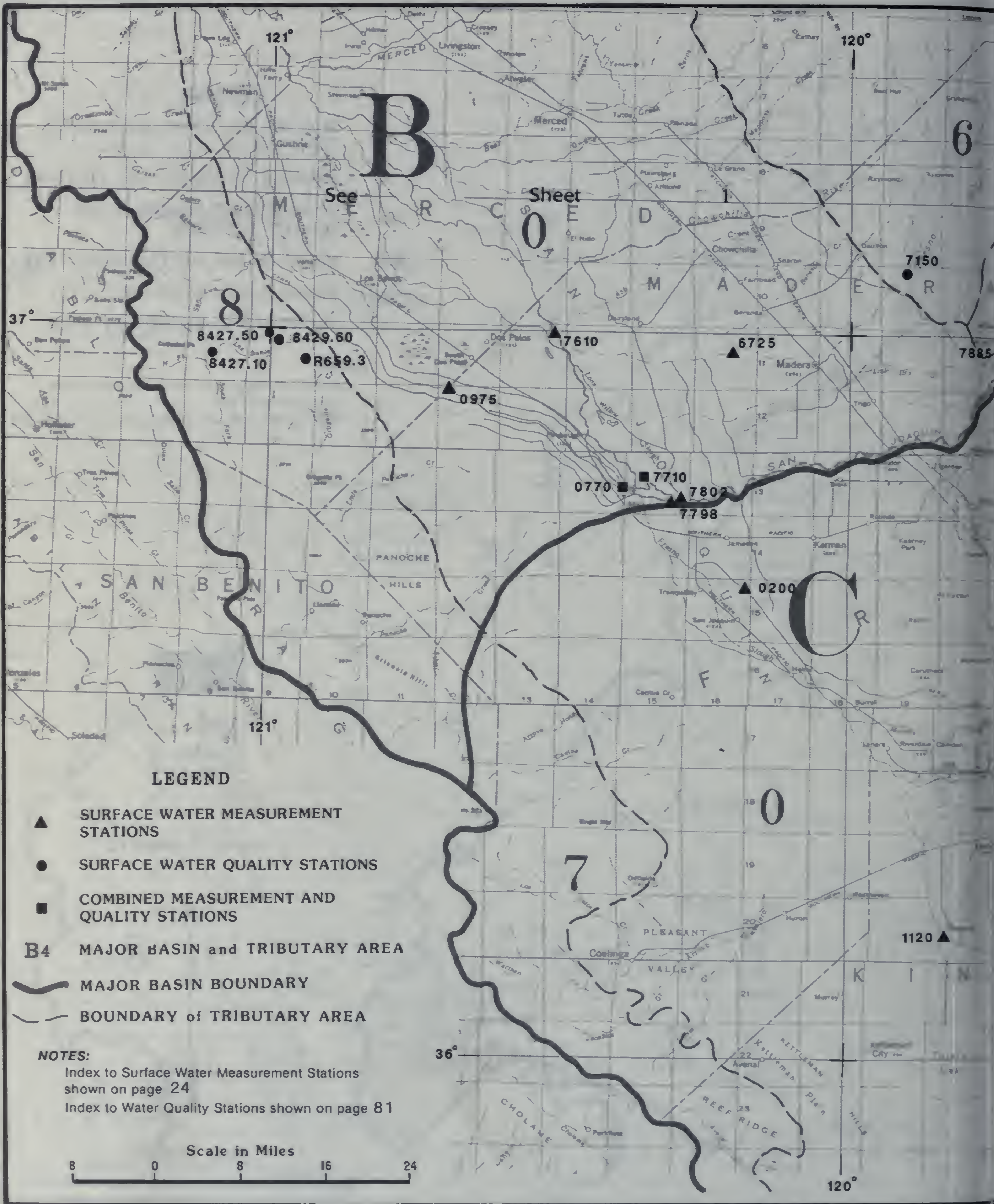


Figure 4 LOCATION OF SURFACE WATER MEASUREMENT AND SURFACE WATER QUALITY STATIONS


B
See Sheet 1
MERCED
MADERA
SAN BENITO
FRESNO
PANOCHE HILLS
PLEASANT VALLEY
KETTLEMAN PLAIN
KETTLEMAN HILLS
REEF RIDGE
CHOLAME
SAN JOAQUIN
6
8
C
7
0
121°
120°
37°
36°
8427.50
8429.60
8427.10
R659.3
7610
0975
6725
7150
7885
0770
7710
7802
7798
0200
1120
Newman
Gustine
Los Banos
Dos Palos
Merced
Livingston
Chowchilla
Madera
Kerman
Tranquillity
Coalinga
Avenal
Huron
Hollister
Soledad
LEGEND
SURFACE WATER MEASUREMENT STATIONS
SURFACE WATER QUALITY STATIONS
COMBINED MEASUREMENT AND QUALITY STATIONS
B4 MAJOR BASIN and TRIBUTARY AREA
MAJOR BASIN BOUNDARY
BOUNDARY of TRIBUTARY AREA
NOTES:
Index to Surface Water Measurement Stations shown on page 24
Index to Water Quality Stations shown on page 81
Scale in Miles
8 0 8 16 24

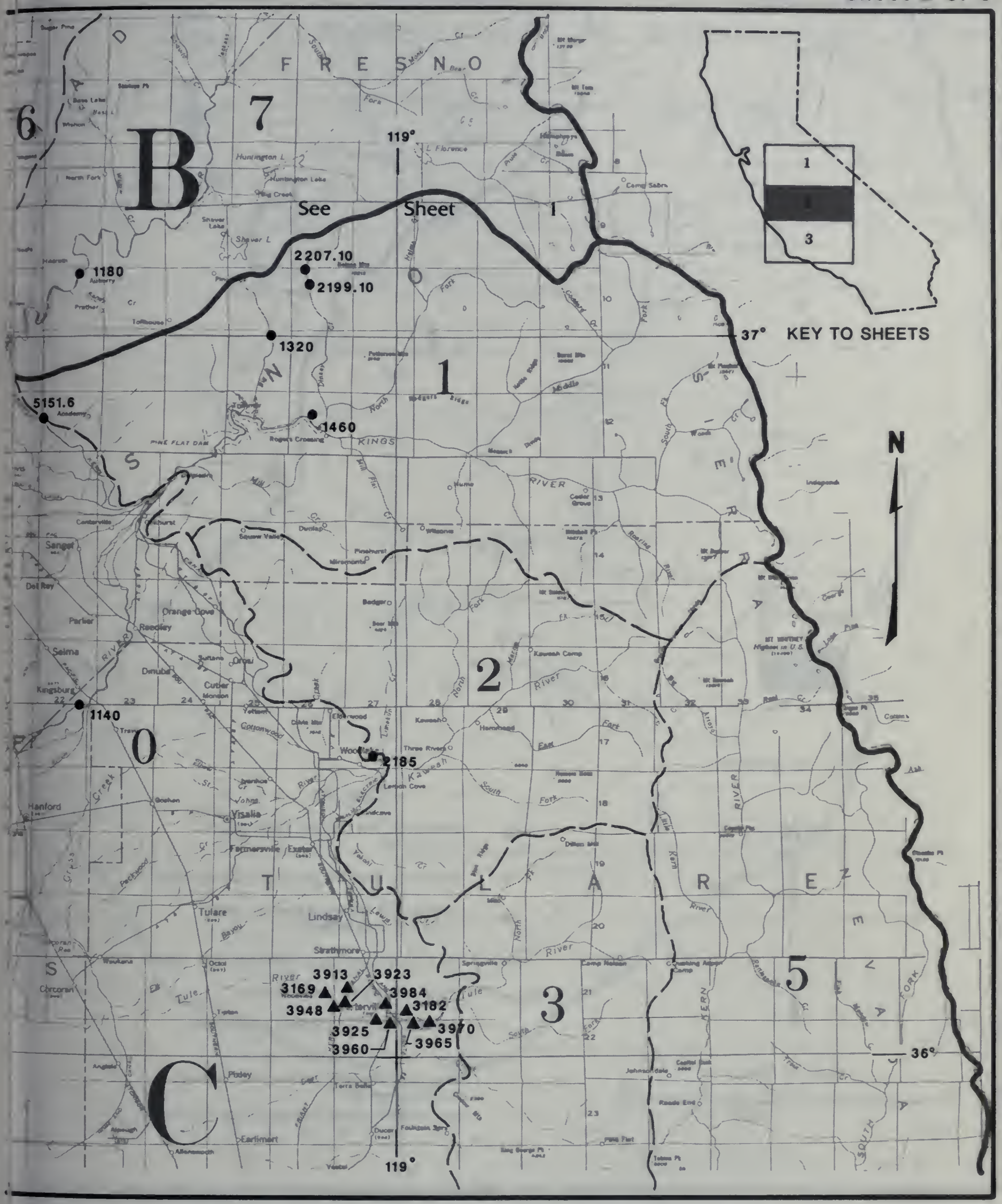


Figure 4 LOCATION OF SURFACE WATER MEASUREMENT AND SURFACE WATER QUALITY STATIONS


120°
36°
121°
See Sheet 2
KEY TO SHEETS
1
2
3
N
Scale in Miles
8 0 8 16 24
LEGEND
SURFACE WATER MEASUREMENT STATIONS
SURFACE WATER QUALITY STATIONS
COMBINED MEASUREMENT AND QUALITY STATIONS
B4 MAJOR BASIN and TRIBUTARY AREA
MAJOR BASIN BOUNDARY
BOUNDARY of TRIBUTARY AREA
NOTES:
Index to Surface Water Measurement Stations shown on page 24
Index to Water Quality Stations shown on page 81

Figure 4 LOCATION OF SURFACE WATER MEASUREMENT AND SURFACE WATER QUALITY STATIONS

TABLE C-1
MINERAL ANALYSES OF SURFACE WATER

Lab and Sampler Agency Code

5050 - California Department of Water Resources
5064 - California Department of Water Resources, Castaic Lab

Abbreviations and Constituents

TIME – Pacific Standard Time on a 24-hour clock
G. H. – Instantaneous gage height in feet above an established datum
Q – Instantaneous discharge in cubic feet per second (E = Estimated)
DO – Dissolved oxygen content in milligrams per liter
SAT – Percent of normal dissolved oxygen saturation
TEMP – Water temperature at time of sampling in degrees Fahrenheit (F) or Celcius (C)
Field – Determined in the field
Laboratory – Determined in the laboratory
pH – Measure of acidity or alkalinity of water
EC – Electrical conductance in microsiemens at 25°C
Constituents:

B	–	Boron	K	–	Potassium
CA	–	Calcium	MG	–	Magnesium
CACO3	–	Calcium Carbonate	NA	–	Sodium
CL	–	Chloride	NO3	–	Nitrate
F	–	Fluoride	SIO2	–	Silica
			SO4	–	Sulfate

Boron, Fluoride, and Silica are reported in milligrams per liter. The other minerals are reported in each of three units; milligrams per liter, milliequivalents per liter, and percent reactance value; accordingly, each observation can use three lines of tabulation.

MILLIEQUIVALENTS PER LITER is the concentration in Mg/l divided by the equivalent weight of the ion.

PERCENT REACTANCE VALUE is determined by dividing the sum of the cations or anions in milli-equivalents per liter into each constituent in milliequivalents per liter, arriving at a percentage.

TDS – Gravimetric determination of total dissolved solids at 180°C
SUM – Total dissolved solids by summation of analyzed constituents minus 40 percent of the carbonate weight
TH – Total Hardness
NCH – Noncarbonate hardness – any excess of total hardness over total alkalinity
TURB – Jackson turbidity units measured with Hellige Turbidimeter (E) or a Hach nephelometer (A) with (F) for field determinations
SAR – Sodium adsorption ratio
ASAR – Adjusted sodium adsorption ratio
REM – Remarks; code letters are:
- E – Total dissolved solids (TDS) value is not within the range of 0.35 to 0.70 of the electrical conductivity
- S – The anion sum and cation sum for a complete analysis is not within the prescribed tolerance of ± 5 percent.
- X – The field EC and the lab EC are not within 20 percent of each other.

TABLE C-1

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. Q	DO SAT	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE CA	MG	NA	K	CACO3	SO4	CL	NO3	MILLIGRAMS PER LITER B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
	B0 0430.00			MUD SLU NR STEVINSON								B0BG0								
08/28/85	5050		11.3	82.4F	8.3	2064	106	43	253	--	170	--	253	--	--	--	1300	442	5.2	
1340	5050	50E	143	28.0C	8.3	1990	5.29	3.54	11.01		3.40		7.13			--		272	11.7	
							27	18	55											
	B0 0470.00			SALT SLU NR STEVINSON								B06R0								
01/09/85	5050	65.02	9.3	50.0F	7.4	2537	108	58	342	--	211	--	--	--	--	--	1630	508	6.6	
0915	5050		82	10.0C	7.5	2470	5.39	4.77	14.88		4.22					--		297	15.6	
							22	19	59											
08/27/85	5050	66.62	7.8	82.4F	7.5	1335	54	12	127	--	129	--	--	--	--	--	632	184	4.1	X
1415	5050		99	28.0C	8.2	1060	2.69	.99	5.52		2.58					--		55	7.4	
							29	11	60											
	B0 0770.00			DELTA MENDOTA CA TO MENDOTA POOL								B0680								
01/09/85	5050	13.90	17.5	47.3F	9.6	798	48	24	135	--	82	--	--	--	--	--	579	219	4.0	E
1315	5050		150	8.5C	8.8	771	2.40	1.97	5.87		1.64					--		137	6.7	
							23	19	57											
08/26/85	5050	14.8	7.6	73.4F	7.4	456	18	13	57	--	74	--	--	--	--	--	271	98	2.5	
0815	5050		88	23.0C	8.1	491	.90	1.07	2.48		1.48					--		25	3.4	
							20	24	56											
	B0 3115.00			STANISLAUS R A KOETITZ RANCH								B0BC0								
10/22/84	5050	30.82	9.5	57 F	7.2	105	10	4.0	4.0	--	37	--	--	--	--	--	71	42	0.3	E
1250	5050		92	14 C	7.6	99	.50	.33	.17		.74				2A	--		5	0.2	
							50	33	17											
01/08/85	5050	31.54	10.5	53.6F	7.4	99	9.0	4.0	5.0	--	35	--	--	--	--	--	67	39	0.3	
1515	5050		97	12.0C	7.0	106	.45	.33	.22		.70					--		4	0.2	
							45	33	22											
08/28/85	5050	32.40	9.3	62.6F	7.2	105	8.0	3.0	3.0	--	35	--	--	--	--	--	49	32	0.2	X
0930	5050		96	17.0C	8.0	78	.40	.25	.13		.70				2A	--		0	0.1	
							51	32	17											
09/23/85	5050	28.92	5.7	73.4F	7.4	172	--	--	--	--	--	--	--	--	--	--	84			
1425	5050		101	23.0C											2A	--				
																				S
	B0 4105.00			TUOLUMNE R A TUOLUMNE CITY								B0BE0								
10/22/84	5050	25.50	9.4	59 F	7.3	138	10	4.0	11	--	39	--	--	--	--	--	92	42	0.7	
1115	5050		93	15 C	7.5	137	.50	.33	.48		.78				2A	--		3	0.6	
							38	25	37											
01/08/85	5050	26.90	9.9	53.6F	7.2	172	12	5.0	13	--	47	--	--	--	--	--	100	50	0.8	
1345	5050		92	12.0C	7.2	171	.60	.41	.57		.94					--		4	0.7	
							38	26	36											
08/28/85	5050	23.46	7.5	75.2F	7.5	357	20	9.0	25	--	90	--	--	--	--	--	186	87	1.2	Y
1015	5050		88	24.0C	8.2	293	1.00	.74	1.09		1.80				3A	--		0	1.7	
							35	26	39											
09/23/85	5050	23.26	8.2	75.2F	7.8	337	--	--	--	--	--	--	--	--	--	--	192			
1305	5050		97	24.0C											3A	--				
																				S
	B0 4130.00			DRY C NR MODESTO								B0BC0								
01/08/85	5050	56.55	11.2	50.9F	7.4	275	21	11	16	--	94	--	--	--	--	--	168	98	0.7	
1615	5050		100	10.5C	7.3	289	1.05	.90	.70		1.88					--		4	1.1	
							40	34	26											
08/28/85	5050	67.24	6.3	69.8F	7.2	245	12	6.0	7.0	--	60	--	--	--	--	--	104	54	0.4	EX
0645	5050		70	21.0C	8.0	147	.60	.49	.30		1.20					--		0	0.4	
							43	35	22											
	B0 4175.00			TUOLUMNE R A LA GRANGE BRIDGE								B0BF0								
10/22/84	5050	4.71	9.3	50.0F	6.8	34	3.0	1.0	2.0	--	10	--	--	--	--	--	33	12	0.3	E
0830	5050		83	10.0C	7.3	32	.15	.08	.09		.20					--		2	0.1	
							47	25	28											
06/10/85	5050	4.65	9.4	57.2F	7.0	38	3.0	1.0	3.0	--	15	--	--	--	--	--	30	12	0.4	E
1430	5050		91	14.0C	7.9	39	.15	.08	.13		.30					--		0	0.1	
							42	22	36											
	B0 5131.00			MERCED R A MILLIKEN BR								B0BG0								
10/22/84	5050		8.9	57 F	7.0	111	9.0	3.0	7.0	--	31	--	--	--	--	--	76	35	0.5	
0915	5050	300F	86	14 C	7.3	110	.45	.25	.30		.62				2A	--		4	0.3	
							45	25	30											
11/26/84	5050		10.1	50.0F	7.0	54	--	--	--	--	--	--	--	--	--	--	31			
1430	5050	1000E	69	10.0C											5A	--				
																				S
01/08/85	5050		9.8	51.8F	7.0	101	9.0	3.0	8.0	--	32	--	--	--	--	--	72	35	0.6	
1015	5050	1400F	89	11.0C	6.8	107	.45	.25	.35		.64					--		3	0.4	
							43	24	33											
08/27/85	5050		8.3	80.6F	7.3	230	12	4.0	12	--	52	--	--	--	--	--	95	47	0.8	Y
1500	5050	250E	103	27.0C	8.1	155	.60	.33	.52		1.04					--		0	0.7	
							41	23	36											
09/23/85	5050		7.5	71.6F	7.2	159	--	--	--	--	--	--	--	--	--	--	85			
1015	5050	250E	85	22.0C											1A	--				
																				S

TABLE C-1 (CONTINUED)

MINERAL ANALYSES OF SURFACE WATER

DATE / TIME	SAMPLER / LAB	G.H. / O	OD / SAT	TEMP	FIELD PH	FIELD EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE: CA	MG	NA	K	MILLIGRAMS PER LITER: CACO3	SO4	CL	NO3	B	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
	80	5166.50		CANAL C A OAKDALE RD																808J0
11/27/84	5050		9.9	46.4F	7.2	162	13	4.0	6.0	10	44	--	--	--	--	--	103	49	0.4	
0830	5050	1E	84	8.0C	7.2	170	.65	.33	.26	.26	.88					--		5	0.3	
							43	22	17	17										
04/09/85	5050		10.5	57.2F	7.1	50	7.0	2.0	3.0	--	19	--	--	--	--	--	37	26	0.3	
0900	5050	7DE	102	14.0C	8.0	54	.35	.16	.13		.38					--		7	0.1	
							55	25	20											
	80	5184.00		MERCED R BL MERCED FALLS DAM																808J0
11/27/84	5050	5.98	6.8	53.6F	8.1	40	3.0	1.0	2.0	--	9	--	--	--	--	--	23	12	0.3	EX
0930	5050		64	12.0C	7.0	32	.15	.08	.09		.18					--		3	0.1	
							47	25	28											
04/09/85	5050	6.64	10.2	59.0F	7.2	49	6.0	2.0	2.0	--	19	--	--	--	--	--	36	23	0.2	
1140	5050		102	15.0C	7.9	52	.30	.16	.09		.38					--		4	0.0	
							55	29	16											
	80	5570.00		BEAR C BL BEAR RES NR PLANADA																81200
11/26/84	5050		10.0	48.2F	7.7	321	38	27	25	--	180	--	--	--	--	--	208	206	0.8	Y
1130	5050	5E	87	9.0C	8.1	499	1.90	2.22	1.09		3.60					--		26	1.6	
							36	43	21											
04/09/85	5050	2.55	10.5	78.8F	8.2	230	25	15	11	--	125	--	--	--	--	--	169	124	0.4	
1300	5050		130	26.0C	8.3	280	1.25	1.23	.48		2.50					--		0	0.7	
							42	42	16											
	80	6170.00		OWENS C BL OWENS DM NR PLANADA																80RG0
11/26/84	5050		11.7	46.4F	7.8	463	41	24	28	--	172	--	--	--	--	--	321	201	0.9	
1015	5050	1E	100	9.0C	8.2	515	2.05	1.97	1.22		3.44					--		29	1.7	
							39	38	23											
04/09/85	5050	2.48	5.6	82.4F	7.8	414	36	20	22	--	187	--	--	--	--	--	250	172	0.7	
1400	5050		72	28.0C	7.9	421	1.80	1.64	.96		3.74					--		0	1.5	
							41	37	22											
	RO	7040.00		SAN JOAQUIN R A MAZE RD BR																RG640
01/08/85	5050	15.93	9.0	54.5F	7.3	780	32	17	82	--	96	--	--	--	--	--	418	150	2.9	
1430	5050		84	12.5C	7.2	719	1.60	1.40	3.57		1.92					--		54	4.7	
							.24	21	54											
08/28/85	5050	14.45	6.2	80.6F	7.4	941	44	21	100	--	139	--	--	--	--	--	514	197	3.1	
0745	5050		77	27.0C	8.2	871	2.20	1.73	4.35		2.78					--		58	5.9	
							27	21	53											
	RO	7090.00		SAN JOAQUIN R NR GRAY A LATR SLU																RG640
01/08/85	5050		9.7	52.7F	7.3	1130	43	24	126	--	120	--	--	--	--	--	614	206	3.8	
1330	5050	150DE	89	11.5C	7.3	1020	2.15	1.97	5.48		2.40					--		86	7.0	
							22	21	57											
08/28/85	5050		6.4	75.2F	7.5	918	50	23	118	--	150	23	--	--	--	--	594	220	3.5	
1115	5050	100DE	75	24.0C	8.1	989	2.50	1.89	5.13		3.00	.48				--		70	6.8	
							26	20	54											
	RO	7200.00		SAN JOAQUIN R PATTERSON BR NR PATTERSON																RG640
01/08/85	5050	34.18	9.8	52.7F	7.4	1001	42	22	127	--	110	--	--	--	--	--	599	196	3.9	
1300	5050		90	11.5C	7.5	997	2.10	1.81	5.52		2.20					--		86	7.0	
							22	19	59											
08/28/85	5050	33.62	7.6	79.8F	7.1	1000	46	21	108	--	134	--	--	--	--	--	538	209	3.3	
1200	5050		93	26.0C	8.3	905	2.30	1.73	4.70		2.68					--		66	6.2	
							26	20	54											
	RO	7375.00		SAN JOAQUIN R A FREMONT FORD BR																RG6R0
01/08/85	5050	55.64	10.7	50.0F	7.8	2224	100	54	318	--	211	--	--	--	--	--	1500	472	6.4	
1100	5050		95	10.0C	7.6	2350	4.99	4.44	13.83		4.22					--		261	14.9	
							21	19	59											
08/28/85	5050	56.48	7.6	80.6F	6.9	960	52	23	123	--	136	--	--	--	--	--	636	224	3.6	
1400	5050		95	27.0C	8.2	1020	2.59	1.89	5.35		2.72					--		88	6.9	
							26	19	54											
	RO	7450.00		SAN JOAQUIN R NR STEVINSON																RG6R0
01/09/85	5050	61.80	10.6	46.4F	8.0	735	42	18	86	--	190	--	--	--	--	--	459	179	2.8	
0845	5050		91	8.0C	7.6	754	2.10	1.48	3.74		3.80					--		0	4.4	
							29	20	51											
08/28/85	5050	61.50	12.3	84.2F	8.4	699	31	14	66	--	139	--	--	--	--	--	340	135	2.5	
1415	5050		158	29.0C	7.9	591	1.55	1.15	2.87		2.78					--		0	4.3	
							28	21	52											
	RO	7710.00		SAN JOAQUIN R NR MENDOTA																RG6R0
01/09/85	5050	1.31	14.0	50.0F	8.5	681	32	17	80	--	73	--	--	--	--	--	425	150	2.8	
1330	5050		124	10.0C	7.9	703	1.60	1.40	3.48		1.46					--		77	4.3	
							25	22	54											
08/26/85	5050	1.46	8.2	73.4F	7.5	509	17	12	59	--	69	--	--	--	--	--	271	92	2.7	
0900	5050		95	23.0C	8.2	500	.85	.99	2.57		1.38					--		23	3.5	
							19	22	58											
	RO	7835.00		SAN JOAQUIN R BL FRIANT																RG5R0
11/27/84	5050	1.90	11.5	52 F	6.6	54	4.0	1.0	4.0	--	13	--	--	--	--	--	38	14	0.5	E
1350	5050	30E	105	11 C	7.5	48	.20	.08	.17		.26					--		1	0.1	
							44	18	38											
04/10/85	5050	2.47	13.0	51.8F	7.2	54	4.0	1.0	5.0	--	16	--	--	--	--	--	36	14	0.6	
1140	5050		119	11.0C	8.1	52	.20	.08	.22		.32					--		0	0.0	
							40	16	44											

TABLE C-1 (CONTINUED)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. O	DO SAT	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE CA	MG	NA	K	MILLIGRAMS PER LITER CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
	80	8735.00		ORESTIMBA C AL HWY 33							806A0									
01/08/85	5050		16.9	55.4F	8.4	916	31	36	93	--	86	--	--	--	--	--	549	226	2.7	
1200	5050	1E	160	13.0C	7.4	979	1.55	2.96	4.05		1.72					--		140	4.7	
							18	35	47											
08/28/85	5050	1.80	7.9	78.8F	7.9	784	33	19	68	--	106	--	--	--	--	--	367	161	2.3	
1300	5050		97	26.0C	8.3	656	1.65	1.56	2.96		2.12					--		55	4.0	
							27	25	48											
	83	1130.00		STANISLAUS R AL GOODWIN DM							809A0									
10/22/84	5050		10.5	60.8F	7.2	64	6.0	2.0	2.0	--	24	--	--	--	--	--	50	23	0.2	E
0930	5050	2000E	107	16.0C	6.9	68	.30	.16	.09		.48					--		0	0.1	
							55	29	16											
04/09/85	5050		10.8	55.4F	7.3	77	8.0	4.0	3.0	--	32	--	--	--	--	--	52	36	0.2	
1030	5050	1000E	103	13.0C	7.9	79	.40	.33	.13		.64					--		5	0.1	
							47	38	15											
	83	2110.10		STANISLAUS R NF A CALV BIG TREES							809D0									
10/22/84	5050		10.3	51.8F	7.2	38	3.0	1.0	2.0	--	8	--	--	--	--	--	28	12	0.3	EY
1130	5050	200E	95	11.0C	7.0	29	.15	.08	.09		.16					--		4	0.1	
							47	25	28											
06/11/85	5050		8.3	69.8F	7.0	32	3.0	1.0	2.0	--	10	--	--	--	--	--	29	12	0.3	E
1115	5050	200E	94	21.0C	7.4	32	.15	.08	.09		.20					--		2	0.1	
							47	25	28											
	83	3480.10		STANISLAUS R NF A OAKDANELLE							809E1									
10/22/84	5050		11.0	42.8F	7.4	78	9.0	2.0	3.0	--	30	--	--	--	--	--	52	30	0.2	
1430	5050	100E	109	6.0C	7.3	76	.45	.16	.13		.60					--		1	0.1	
							61	22	18											
06/11/85	5050		10.0	48.2F	7.0	43	4.0	2.0	2.0	--	4	--	--	--	--	--	38	18	0.2	E
0830	5050	250E	106	9.0C	7.4	45	.20	.16	.09		.08					--		14	0.1	
							44	36	20											
	84	1850.10		TUOLUMNE R A TUOLUMNE MDW							810E0									
10/23/84	5050	1.75	10.6	46.4F	7.0	44	3.0	.0	3.0	--	7	--	--	--	--	--	31	8	0.5	E
1230	5050		124	8.0C	7.0	40	.15	.00	.13		.14					--		1	0.3	
							54	0	46											
06/12/85	5050	3.38	9.1	48.2F	6.8	17	1.0	.0	4.0	--	7	--	--	--	--	--	23	2	1.2	E
0915	5050		109	9.0C	7.9	17	.05	.00	.17		.14					--		0	1.5	
							23	0	77											
	85	6100.00		BURNS C AL BURNS DM NR PLANADA							808J0									
11/26/84	5050	2.42	10.0	50.0F	7.0	76	4.0	2.0	4.0	--	13	--	--	--	--	--	67	18	0.4	EX
1215	5050	1E	89	10.0C	6.9	61	.20	.16	.17		.26					--		5	0.0	
							38	30	32											
04/09/85	5050	2.14	15.0	80.6F	8.4	306	31	20	10	--	137	--	--	--	--	--	197	160	0.7	
1345	5050	1E	188	27.0C	8.7	325	1.55	1.64	.83		2.74					--		29	1.2	
							39	41	21											
	86	2100.00		MARIPOSA C AL MARIPOSA DM							812J0									
04/09/85	5050	2.40	11.4	73.4F	8.2	281	26	16	14	--	125	--	--	--	--	--	172	131	0.5	
1500	5050	5E	133	23.0C	8.3	282	1.30	1.32	.61		2.50					--		6	0.9	
							40	41	19											
	86	4159.00		CHOWCHILLA R BL BUCHANAN DM NR RY							813A1									
10/29/84	5050	1.08	8.3	55 F	7.2	232	--	--	--	--	--	--	--	--	--	--	144			
0900	5050	.1	80	13 C											3A	--				
11/27/84	5050	1.12	6.4	48 F	7.0	214	22	6.0	15	--	84	--	--	--	--	--	136	80	0.7	
0930	5050	.1	56	9 C	7.6	234	1.10	.49	.65		1.68				5A	--		0	1.0	
							49	22	29											
	86	7150.00		FRESNO R AL HIDDEN DM NR DAULTON							813B0									
10/29/84	5050	2.65	9.6	63 F	7.4	170	--	--	--	--	--	--	--	--	--	--	94			
1015	5050	25	100	17 C											8A	--				
11/27/84	5050	12.52	6.2	48 F	7.3	200	34	9.0	26	--	124	--	--	--	--	--	224	122	1.0	X
1030	5050	.2	54	9 C	7.8	369	1.70	.74	1.13		2.48				5A	--		0	1.7	
							48	21	32											
	86	7283.90		FRESNO R BL OAKHURST							813C0									
11/27/84	5050		11.3	43 F	7.3	155	15	2.0	22	--	41	--	--	--	--	--	133	46	1.4	X
1140	5050	25E	97	6 C	7.6	240	.75	.16	.96		.82					--		5	1.2	
							40	9	51											
04/10/85	5050		10.1	57.2F	7.6	164	11	2.0	12	--	38	--	--	--	--	--	88	36	0.9	X
1000	5050	70E	104	14.0C	8.2	127	.55	.16	.52		.76					--		0	0.6	
							45	13	42											
	86	7325.00		FRESNO R LEWIS F NR OAKHURST							813C0									
11/27/84	5050	1.15	11.7	39 F	7.3	130	10	1.0	12	--	32	--	--	--	--	--	94	29	1.0	E
1215	5050	15E	96	4 C	7.5	128	.50	.08	.52		.64					--		0	0.5	
							45	7	47											
04/10/85	5050	1.46	10.6	51.8F	7.3	65	6.0	1.0	6.0	--	21	--	--	--	--	--	52	19	0.6	E
1030	5050		104	11.0C	8.0	62	.30	.09	.26		.42					--		0	0.1	
							47	13	41											

TABLE C-1 (CONTINUED)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. D	OD SAT	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE CA	MG	NA	K	MILLIGRAMS PER LITER CACO3	SO4	CL	NO3	MILLIGRAMS PER LITER B TURB	F SIO2	TOS SUM	TH NCH	SAR ASAR	REM
	B7	1180.00		SAN JOAQUIN R BL KERCK NR PRATHER								81441								
10/23/84	5050	5.00	9.9	59.0F	7.8	49	4.0	.0	4.0	--	9	--	--	--	--	--	33	10	0.6	E
0915	5050	30E	100	15.0C	7.0	42	.20	.00	.17		.18					--		1	0.2	
							54	0	46											
06/26/85	5050	5.00	10.1	59.0F	7.1	57	3.0	.0	4.0	--	11	--	--	--	--	--	31	8	0.6	EX
0830	5050	30E	102	15.0C	8.5	25	.15	.00	.17		.22					--		0	0.3	
							47	0	53											
	B7	4250.50		SAN JOAQUIN R SF A MOND HOT SPR								81400								
10/22/84	5050	2.50	9.7	42.8F	7.3	39	2.0	.0	3.0	--	7	--	--	--	--	--	26	5	0.6	E
1000	5050	10E	98	6.0C	6.9	33	.10	.00	.13		.14					--		0	0.5	
							43	0	57											
06/25/85	5050	2.00	9.0	59.0F	7.2	47	3.0	.0	5.0	--	9	--	--	--	--	--	31	8	0.8	EX
0945	5050	5E	113	15.0C	8.1	26	.15	.00	.22		.18					--		0	0.4	
							41	0	59											
	BB R 639.2	156.0		LOS BANOS RESERVOIR								80702								
11/13/84	5050		7.5	61 F	7.8	500	38	25	42	3.0	175	61	33	--	.5	.2	346	198	1.3	
1150	5050		76	16 C	8.2	565	1.90	2.06	1.83	.08	3.50	1.27	.93			--	307	23	2.6	
		1					32	35	31	1										
01/15/85	5050		9.4	50 F	7.8	600	40	26	44	3.1	181	66	33	--	.5	.2	362	207	1.3	
1025	5050		84	10 C	7.8	585	2.00	2.14	1.91	.08	3.62	1.37	.93			--	321	26	2.7	
		1					33	35	31	1										
03/19/85	5050		11.1	55 F	7.5	550	41	26	45	--	182	66	35	--	.5	.2	348	209	1.4	
0900	5050		106	13 C	8.5	585	2.05	2.14	1.96		3.64	1.37	.99		1A	--	323	28	2.8	
		1					33	35	32											
05/14/85	5050		9.7	66 F	7.8	560	40	25	46	3.0	186	76	34	--	.6	.2	381	203	1.4	
0800	5050		105	19 C	8.2	568	2.00	2.06	2.00	.08	3.72	1.58	.96			--	336	17	2.9	
		1					33	34	33	1										
07/16/85	5050		8.5	81 F	8.1	590	36	31	56	--	166	76	58	--	.6	.2	360	218	1.7	
0900	5050		107	27 C	7.5	570	1.80	2.55	2.44		3.32	1.58	1.64			--	357	52	3.3	
		1					27	38	36											
	BB	9427.10		LOS BANOS CR AT CONF NO. & SO. FK								80701								
11/13/84	5050		8.6	50 F	7.8	1000	70	49	58	3.9	241	148	79	--	.4	.2	621	376	1.3	
0807	5050		78	10 C	8.2	968	3.49	4.03	2.92	.10	4.82	3.08	2.23			--	553	135	3.1	
		1					34	40	25	1										
01/15/85	5050		11.6	43.7F	7.6	620	44	31	38	2.9	190	69	37	--	.4	.1	382	238	1.1	
0900	5050		96	6.5C	8.3	606	2.20	2.55	1.65	.07	3.80	1.44	1.04			--	336	48	2.3	
		1					34	39	26	1										
03/19/85	5050		10.7	55 F	7.7	460	35	23	30	--	165	42	23	--	.3	.2	310	182	1.0	
1045	5050		103	13 C	8.3	478	1.75	1.89	1.31		3.30	.67	.65		1A	--	252	17	1.9	
		1					35	38	26											
05/13/85	5050		10.8	75 F	7.8	540	42	28	35	2.9	209	55	28	--	.5	.2	358	220	1.0	
1230	5050		130	24 C	8.0	574	2.10	2.30	1.52	.07	4.18	1.15	.79			--	317	11	2.2	
		1					35	38	25	1										
	BB	8427.50		SALT SPR NEAR LOS BANOS RESERVOIR								80702								
11/13/84	5050			57 F	6.6	46500	455	2040	6480	9.3	445	20700	5230	--	13.0	2.1	39400	9540	42.2	EX
1115	5050			14 C	8.2	35500	22.70	167.77	412.38	.24	8.89	430.97	147.49			--	38194	9086	135.3	
		1					4	28	68	C										
07/16/85	5050		5.0	77 F	7.5	34600	552	1420	7300	--	294	16200	3940	--	20.0	2.6	31600	7230	37.4	E
0745	5050		72	25 C	8.2	29400	27.54	116.78	317.55		5.87	337.28	111.11			--	29609	6928	112.3	
		1					6	25	69											
09/16/85	5050		9.2	68 F	7.5	32000	395	1300	6560	--	273	14500	3700	--	19.0	2.6	29300	6340	35.9	E
0810	5050		102	20 C	8.4	28300	19.71	106.91	285.36		5.45	301.89	104.34			--	26638	6063	106.0	
		1					5	26	69											
	BB	8429.60		LOS BANOS CRK AT END OF RESERVOIR								80701								
11/13/84	5050		7.9	55 F	7.7	1380	68	49	149	3.3	380	102	155	--	3.8	.4	809	371	3.4	
1025	5050		76	13 C	8.0	1340	3.39	4.03	4.48	.08	7.59	2.12	4.37			--	758	0	8.6	
		1					24	29	46	1										
12/18/84	5050		11.0	46 F	7.9	650	43	26	48	--	185	62	44	--	.7	.3	376	214	1.4	
1130	5050		94	8 C	8.0	618	2.15	2.14	2.09		3.70	1.29	1.24			--	335	30	3.0	
							34	34	33											
01/15/85	5050		10.5	46 F	8.0	900	59	36	76	2.4	268	84	68	--	1.4	.3	524	295	1.9	
0910	5050		89	8 C	8.2	852	2.94	2.96	3.31	.06	5.35	1.75	1.92			--	487	28	4.5	
		1					32	32	36	1										
02/19/85	5050		10.9	72 F	7.8	700	53	32	60	--	234	76	54	--	.9	.3	470	264	1.6	
1250	5050		125	22 C	8.5	748	2.64	2.63	2.61		4.68	1.58	1.52			--	416	30	3.6	
							34	33	33											
03/19/85	5050		9.3	54 F	7.9	700	51	30	56	--	234	62	46	--	.9	.3	435	251	1.5	
0830	5050		87	12 C	8.3	703	2.54	2.47	2.44		4.68	1.29	1.30		1A	--	386	17	3.4	
		1					34	33	33											
04/16/85	5050		9.3	60.8F	7.8	740	52	32	62	--	252	70	51	--	1.0	.3	445	261	1.7	
0855	5050		85	16.0C	8.3	748	2.59	2.63	2.70		5.03	1.46	1.44			--	419	10	3.8	
		1					33	33	34											

TABLE C-1 (CONTINUED)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. O	DO SAT	TEMP	FIELD LABORATORY PH	FIELD LABORATORY EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE CA	MG	NA	K	MILLIGRAMS PER LITER CACO3	SO4	CL	NO3	A TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
	B8	8429.60			LOS BANOS CRK AT END OF RESERVOIR													R0701 CONTINUED		
05/14/85	5050		5.8	68 F	7.6	920	55	39	87	2.8	304	75	85	--	1.7	.4	564	298	2.2	
0720	5050		64	20 C	7.8	922	2.74	3.21	3.78	.07	6.07	1.56	2.40			--	528	0	5.2	
		1					28	33	39	1										
06/17/85	5050		3.4	81 F	8.5	750	50	37	86	3.5	270	76	80	--	2.0	.3	535	277	2.2	
0745	5050		43	27 C	7.9	856	2.50	3.04	3.74	.09	5.39	1.58	2.26			--	496	8	5.2	
		1					27	32	40	1										
07/15/85	5050		5.5	79 F	8.0	725	43	34	70	--	231	76	64	--	1.3	.2	465	247	1.9	
0820	5050		68	26 C	7.6	758	2.15	2.80	3.05		4.62	1.58	1.80			--	427	17	4.3	
		1					27	34	38											
	CO	1140.00			KINGS R BL PEOPLES WR NR KINGSBURG													C01F0		
10/30/84	5050		11.0	61.7F	8.0	224	21	7.0	15	--	80	--	--	--	--	--	144	82	0.7	
1240	5050	50E	113	16.5C	8.0	233	1.05	.58	.65		1.60					--		2	1.0	
							46	25	29											
05/21/85	5050	66.85	8.7	69.8F	7.4	162	13	4.0	12	--	25	--	--	--	--	--	97	49	0.7	
0715	5050	75E	98	21.0C	8.5	153	.65	.33	.52		.50					--		24	0.5	
							43	22	35											
	CO	2185.00			KAWEAH R BL TERMINUS DM													C01K0		
10/30/84	5050	0.57	9.2	63 F	7.3	115	13	2.0	5.0	--	39	--	--	--	--	--	70	40	0.3	
1105	5050	25F	96	17 C	7.7	106	.65	.16	.22		.78				3A	--		2	0.3	
							63	16	21											
11/27/84	5050	4.19	9.9	53.6F	7.4	99	--	--	--	--	--	--	--	--	--	--	70			
1030	5050		93	12.0C											5A	--				
05/22/85	5050	4.99	10.8	57.2F	7.2	57	8.0	1.0	4.0	--	23	--	--	--	--	--	49	24	0.4	E
1145	5050	350E	106	14.0C	8.5	61	.40	.08	.17		.46					--		1	0.1	
							62	12	26											
09/11/85	5050	0.72	7.5	69.8F	7.1	96	--	--	--	--	--	--	--	--	--	--	61			
0800	5050	20E	85	21.0C											2A	--				
	CO	3196.00			TULE R BL SUCCESS DM													C01L0		
10/30/84	5050	5.24	9.2	64 F	7.8	251	32	5.0	13	--	114	--	--	--	--	--	162	101	0.6	
0920	5050	100E	98	18 C	7.9	260	1.60	.41	.57		2.28				4A	--		0	0.9	
							62	16	22											
05/22/85	5050	3.36	13.9	62.6F	8.0	181	21	4.0	11	--	79	--	--	--	--	--	129	69	0.6	
1015	5050		146	17.0C	8.2	186	1.05	.33	.48		1.58					--		0	0.7	
							56	16	26											
08/21/85	5050	2.98	5.9	77.0F	7.7	200	--	--	--	--	--	--	--	--	--	--	135			
0850	5050	37	72	25.0C											6A	--				
09/11/85	5050	2.75	8.8	75.2F	8.1	214	--	--	--	--	--	--	--	--	--	--				
0945	5050	25F	105	24.0C											2A	--				
	CO	4460.00			POSO C A PORTERVILLE HW NR DOW													C01U0		
05/22/85	5050		8.1	73.4F	7.8	473	28	6.0	58	--	109	--	--	--	--	--	316	94	2.6	
0845	5050	2F	95	23.0C	8.2	454	1.40	.49	2.52		2.18					--		0	3.9	
							32	11	57											
	CO	5150.00			KERN R NR BAKERSFIELD													C01P0		
10/29/84	5050		10.3	59 F	7.9	109	5.0	2.0	11	--	27	--	--	--	--	--	80	20	1.1	F
1515	5050	300E	103	15 C	7.3	104	.25	.16	.48		.54					--		0	0.3	
							28	18	54											
05/22/85	5050		9.0	64.4F	7.4	103	8.0	2.0	10	--	40	--	--	--	--	--	78	28	0.8	F
0700	5050	600F	96	18.0C	8.3	104	.40	.15	.44		.80					--		0	0.5	
							40	16	44											
	C1	1320.00			BIG C AB PINE FLAT RES NR TRIMMER													C03R1		
10/29/84	5050	1.31	10.7	59 F	7.8	135	11	2.0	11	--	38	--	--	--	--	--	87	36	0.8	F
1245	5050	20	109	15 C	8.0	132	.55	.16	.48		.78					--		0	0.6	
							46	13	40											
05/22/85	5050	1.60	9.8	63.8F	7.4	90	8.0	2.0	6.0	--	36	--	--	--	--	--	78	28	0.7	E
0815	5050	10	102	16.0C	8.2	93	.40	.16	.35		.72					--		0	0.4	
							44	18	38											
	C1	1460.00			KINGS R BL NF NR TRIMMER													C03R1		
10/29/84	5050	3.38	11.1	55 F	7.3	52	5.0	.0	3.0	--	14	--	--	--	--	--	34	12	0.4	E
1350	5050	300	108	13 C	7.9	47	.25	.00	.13		.28					--		0	0.1	
							66	0	34											
05/22/85	5050	7.46	10.5	53.6F	7.1	26	2.0	.0	1.0	--	6	--	--	--	--	--	18	5	0.2	EX
0915	5050	6050	100	12.0C	8.4	17	.10	.00	.04		.12					--		0	0.2	
							71	0	29											
	C1	2199.10			DINKEY C BL DINKEY C RES													C03R3		
10/22/84	5050		10.7	60.8F	7.2	44	4.0	.0	3.0	--	16	--	--	--	--	--	38	10	0.4	F
1400	5050	25E	129	15.0C	7.0	42	.20	.00	.13		.33					--		0	0.1	
							61	0	39											
06/25/85	5050		8.4	65.8F	7.3	50	4.0	.0	3.0	--	15	--	--	--	--	--	35	10	0.4	EX
1400	5050	10F	99	18.0C	7.8	33	.20	.00	.13		.30					--		0	0.1	
							61	0	39											

TABLE C-1 (CONTINUED)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. O	DO SAT	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE CA	MG	NA	K	MILLIGRAMS PER LITER CACO3	SO4	CL	NO3	MILLIGRAMS PER LITER B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
	C1	2207.10			OINKEY C AB OINKEY C RES															
10/22/84	5050		9.9	50.0F	7.2	37	3.0	.0	2.0	--	8	--	--	--	--	--	26	8	0.3	EX
1245	5050	25E	107	10.0C	6.9	25	.15	.00	.09		.16					--		0	0.2	
							63	0	38											
06/25/85	5050		8.2	60.8F	7.2	48	3.0	.0	2.0	--	11	--	--	--	--	--	26	8	0.3	EX
1230	5050	10E	102	16.0C	7.8	21	.15	.00	.09		.22					--		0	0.1	
							63	0	38											
	C1	5151.60			ORY CREEK AT THOMPSON AVE FORD															
02/11/85	5050		12.2	43 F	8.1	341	26	19	16	2.8	148	10	14	--	.0	--	219	143	0.7	
0845	5050	14	99	6 C	8.3	351	1.30	1.56	.78	.07	2.96	.21	.39		7A	--	179	0	1.2	
							35	42	21	2										
03/11/85	5050		9.8	53.6F	8.2	396	32	24	22	2.6	184	11	16	--	.0	--	253	179	0.7	
1040	5050	9.2	92	12.0C	8.4	415	1.60	1.97	.96	.07	3.68	.23	.45		2A	--	219	0	1.4	
							35	43	21	?										
	C4	4210.00			POSO C NR DILDALE															
10/29/84	5050	6.33	8.8	62.6F	8.0	292	31	7.0	21	--	114	--	--	--	--	--	203	107	0.9	
1425	5050		93	17.0C	8.1	307	1.55	.58	.91		2.28					--		0	1.4	
							51	19	30											
05/22/85	5050	6.54	8.8	68.0F	7.8	258	25	6.0	18	--	105	--	--	--	--	--	177	87	0.8	
0800	5050	10E	98	20.0C	8.0	254	1.25	.49	.78		2.10					--		0	1.3	
							50	19	31											
	C4	4950.10			POSO C BL GLENNVILLE															
10/29/84	5050		9.9	61 F	8.0	224	25	6.0	17	--	99	--	--	--	--	--	170	87	0.8	
1300	5050	5E	111	16 C	8.2	248	1.25	.49	.74		1.98					--		0	1.2	
							50	20	30											
05/21/85	5050		8.7	66.2F	8.2	280	28	7.0	18	--	116	--	--	--	--	--	189	99	0.8	
1000	5050	1E	103	19.0C	8.2	273	1.40	.58	.78		2.32					--		0	1.2	
							51	21	28											
	C5	1350.00			KERN R BL ISABELLA DAM															
10/29/84	5050	7.05	10.4	59 F	7.3	71	3.0	2.0	10	--	21	--	--	--	--	--	59	16	1.1	E
1040	5050		112	15 C	8.1	80	.15	.16	.44		.42					--		0	0.1	
							20	21	59											
05/21/85	5050	7.48	9.6	62.6F	7.4	94	7.0	2.0	9.0	--	37	--	--	--	--	--	70	26	0.9	E
1315	5050		107	17.0C	8.3	96	.35	.16	.39		.74					--		0	0.4	
							39	18	43											
	C5	1660.10			KERN R AB FAIRVIEW															
10/29/84	5050		10.8	47.3F	7.6	109	10	1.0	10	--	36	--	--	--	--	--	78	29	0.8	E
1145	5050	50E	104	8.5C	7.8	108	.50	.08	.44		.72					--		0	0.5	
							49	8	43											
05/21/85	5050		10.2	55.4F	7.2	39	4.0	1.0	3.0	--	15	--	--	--	--	--	25	14	0.3	
1200	5050	30JE	110	13.0C	8.3	44	.20	.08	.13		.30					--		0	0.0	
							49	20	32											

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TABLE C-2
MINOR ELEMENT ANALYSES OF SURFACE WATER

Lab and Sampler Agency Code

5050 – California Department of Water Resources

Abbreviations

TIME	–	Pacific Standard Time on a 24-hour clock
Disch	–	Instantaneous discharge in cubic feet per second (E = Estimated)
EC	–	Electrical conductance in microsiemens at 25° C
TEMP	–	Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
pH	–	Measure of acidity or alkalinity of water
CHROM (ALL)	–	All chromium
CHROM (HEX)	–	Hexavalent chromium
D	–	Dissolved
T	–	Total

TABLE C—2

MINOR ELEMENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS IN MILLIGRAMS PER LITER BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
	RO	0400.00	MUD SLU NR STEVINSON				BCABO				
11/06/84	5050		30 E	14.0C		--	--	--	--	--	--
1000	5050		1890	7.7	--	--	--	--	--	0.003 D	--
01/08/85	5050		10 E	10.0C		--	--	--	--	--	--
1130	5050		3927	8.1	--	--	--	--	--	0.007 D	--
02/20/85	5050		50 E	13.0C		--	--	--	--	--	--
1315	5050		3741	8.4	--	--	--	--	--	0.018 D	--
03/12/85	5050		20 E	15.0C		--	--	--	--	--	--
1150	5050		2829	8.6	--	--	--	--	--	0.014 D	--
04/09/85	5050		20 E	20.0C		--	--	--	--	--	--
1010	5050		2695	8.0	--	--	--	--	--	0.009 D	--
05/07/85	5050		10 E	21.0C		--	--	--	--	--	--
1240	5050		4860	8.2	--	--	--	--	--	0.012 D	--
06/10/85	5050		15 E	24.0C		--	--	--	--	--	--
1005	5050		3290	8.4	--	--	--	--	--	0.020 D	--
07/22/85	5050		10 E	27.0C		--	--	--	--	--	--
1130	5050		2016	8.0	--	--	--	--	--	0.015 D	--
08/28/85	5050		50 E	28.0C		--	--	--	--	--	--
1340	5050		2054	8.3	--	--	--	--	--	0.012 D	--
09/23/85	5050		50 E	27.0C		--	--	--	--	--	--
1100	5050		2784	8.4	--	--	--	--	--	0.012 D	--
	RO	0470.00	SALT SLU NR STEVINSON				BCBBO				
11/07/84	5050			13.5C		--	--	--	--	--	--
1000	5050		1472	7.6	--	--	--	--	--	0.001 D	--
01/09/85	5050			10.0C		--	--	--	--	--	--
0915	5050		2537	7.4	--	--	--	--	--	0.004 D	--
02/19/85	5050			17.0C		--	--	--	--	--	--
1315	5050		2340	7.7	--	--	--	--	--	0.024 D	--
03/12/85	5050			14.0C		--	--	--	--	--	--
1030	5050		1638	7.5	--	--	--	--	--	0.009 D	--
04/10/85	5050			18.0C		--	--	--	--	--	--
0900	5050		2052	7.6	--	--	--	--	--	0.012 D	--
05/07/85	5050			18.0C		--	--	--	--	--	--
1130	5050		1824	7.6	--	--	--	--	--	0.020 D	--
06/10/85	5050			25.0C		--	--	--	--	--	--
0845	5050		1525	7.4	--	--	--	--	--	0.008 D	--
07/22/85	5050			25.5C		--	--	--	--	--	--
0830	5050		1460	7.6	--	--	--	--	--	0.001 D	--
08/27/85	5050			28.0C		--	--	--	--	--	--
1415	5050		1335	7.5	--	--	--	--	--	0.003 D	--
09/23/85	5050			22.0C		--	--	--	--	--	--
0915	5050		1208	7.6	--	--	--	--	--	0.001 D	--
	RO	3115.00	STANISLAUS R A KOETITZ RANCH				BCBCO				
01/08/85	5050			12.0C		--	--	--	--	--	--
1515	5050		99	7.4	--	--	--	--	--	0.000 D	--
02/20/85	5050			11.5C		--	--	--	--	--	--
0915	5050		134	7.4	--	--	--	--	--	0.000 D	--
03/12/85	5050			13.5C		--	--	--	--	--	--
1525	5050		128	7.3	--	--	--	--	--	0.000 D	--
04/09/85	5050			17.0C		--	--	--	--	--	--
1330	5050		117	7.4	--	--	--	--	--	0.000 D	--
05/08/85	5050			14.0C		--	--	--	--	--	--
0815	5050		113	7.4	--	--	--	--	--	0.000 D	--
06/10/85	5050			24.0C		--	--	--	--	--	--
1245	5050		135	7.4	--	--	--	--	--	0.000 D	--
07/22/85	5050			20.0C		--	--	--	--	--	--
1445	5050		96	7.4	--	--	--	--	--	0.000 D	--
08/28/85	5050			17.0C		--	--	--	--	--	--
0930	5050		105	7.2	--	--	--	--	--	0.000 D	--
09/23/85	5050			23.0C		--	--	--	--	--	--
1425	5050		172	7.4	--	--	--	--	--	0.000 D	--
	RO	4105.00	TUOLUMNE R A TUOLUMNE CITY				BCBBO				
01/08/85	5050			12.0C		--	--	--	--	--	--
1345	5050		172	7.2	--	--	--	--	--	0.000 D	--
02/20/85	5050			13.0C		--	--	--	--	--	--
1100	5050		219	7.3	--	--	--	--	--	0.000 D	--
03/12/85	5050			15.0C		--	--	--	--	--	--
1400	5050		191	7.3	--	--	--	--	--	0.000 D	--
04/09/85	5050			21.0C		--	--	--	--	--	--
1200	5050		279	7.4	--	--	--	--	--	0.000 D	--
05/08/85	5050			18.0C		--	--	--	--	--	--
0935	5050		308	7.4	--	--	--	--	--	0.000 D	--
06/10/85	5050			28.0C		--	--	--	--	--	--
1150	5050		284	7.4	--	--	--	--	--	0.000 D	--

TABLE C-2 (CONTINUED)

MINOR ELEMENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	CONSTITUENTS IN MILLIGRAMS PER LITER ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM		SILVER ZINC
	RO	4105.00	TUOLUMNE R A TUOLUMNE CITY					B08FD CONTINUED				
07/22/85 1330	5050 5050		363	29.0C 7.8	--	-- --	-- --	-- --	-- --	-- 0.004	D	-- --
08/28/85 1015	5050 5050		357	24.0C 7.5	--	-- --	-- --	-- --	-- --	-- 0.000	D	-- --
09/23/85 1305	5050 5050		337	24.0C 7.8	--	-- --	-- --	-- --	-- --	-- 0.000	D	-- --
	RO	4130.00	ORY C NR MODESTO					B08C0				
08/28/85 0645	5050 5050		245	21.0C 7.2	--	-- --	-- --	-- --	-- --	-- 0.000	D	-- --
	RO	5131.0C	MERCED R A MILLIKEN BR					B08F0				
01/08/85 1015	5050 5050		1400 E 101	11.0C 7.0	--	-- --	-- --	-- --	-- --	-- 0.000	D	-- --
02/19/85 1400	5050 5050		1000 E 203	15.0C 7.2	--	-- --	-- --	-- --	-- --	-- 0.000	D	-- --
03/13/85 0750	5050 5050		350 E 129	13.0C 7.2	--	-- --	-- --	-- --	-- --	-- 0.000	D	-- --
04/09/85 0930	5050 5050		250 E 140	20.0C 7.2	--	-- --	-- --	-- --	-- --	-- 0.000	D	-- --
05/08/85 1115	5050 5050		300 E 143	20.0C 7.2	--	-- --	-- --	-- --	-- --	-- 0.000	D	-- --
06/10/85 0920	5050 5050		300 E 138	24.0C 7.2	--	-- --	-- --	-- --	-- --	-- 0.000	D	-- --
07/22/85 1045	5050 5050		200 E 140	25.0C 7.2	--	-- --	-- --	-- --	-- --	-- 0.000	D	-- --
08/27/85 1500	5050 5050		250 E 230	27.0C 7.3	--	-- --	-- --	-- --	-- --	-- 0.000	D	-- --
09/23/85 1015	5050 5050		250 E 159	22.0C 7.2	--	-- --	-- --	-- --	-- --	-- 0.000	D	-- --
	RO	7040.00	SAN JOAQUIN R A MAZE RD BR					B06A0				
11/05/84 1230	5050 5050		594	16.0C 7.4	--	-- --	-- --	-- --	-- --	-- 0.000	D	-- --
01/08/85 1430	5050 5050		780	12.5C 7.3	--	-- --	-- --	-- --	-- --	-- 0.000	D	-- --
02/20/85 1015	5050 5050		1161	13.0C 7.4	--	-- --	-- --	-- --	-- --	-- 0.003	D	-- --
03/12/85 1440	5050 5050		922	15.0C 7.7	--	-- --	-- --	-- --	-- --	-- 0.002	D	-- --
04/09/85 1230	5050 5050		1134	21.0C 7.4	--	-- --	-- --	-- --	-- --	-- 0.003	D	-- --
05/08/85 0900	5050 5050		868	19.0C 7.4	--	-- --	-- --	-- --	-- --	-- 0.002	D	-- --
06/10/85 1210	5050 5050		1500 E 956	26.0C 7.8	--	-- --	-- --	-- --	-- --	-- 0.002	D	-- --
07/22/85 1400	5050 5050		1134	27.0C 8.0	--	-- --	-- --	-- --	-- --	-- 0.002	D	-- --
08/28/85 0745	5050 5050		941	27.0C 7.4	--	-- --	-- --	-- --	-- --	-- 0.002	D	-- --
09/23/85 1340	5050 5050		714	24.0C 7.4	--	-- --	-- --	-- --	-- --	-- 0.000	D	-- --
	RO	7080.50	SAN JOAQUIN R NR GRAY A LAIR SLU					B06A0				
01/08/85 1330	5050 5050		1500 E 1130	11.5C 7.3	--	-- --	-- --	-- --	-- --	-- 0.001	D	-- --
02/20/85 1115	5050 5050		1500 E 1438	14.0C 7.7	--	-- --	-- --	-- --	-- --	-- 0.004	D	-- --
03/12/85 1335	5050 5050		1500 E 1200	16.0C 7.6	--	-- --	-- --	-- --	-- --	-- 0.003	D	-- --
04/09/85 1130	5050 5050		1000 E 1404	21.0C 7.6	--	-- --	-- --	-- --	-- --	-- 0.004	D	-- --
05/07/85 1345	5050 5050		1000 E 1080	21.0C 7.8	--	-- --	-- --	-- --	-- --	-- 0.002	D	-- --
06/10/85 1130	5050 5050		1000 E 1150	25.0C 7.8	--	-- --	-- --	-- --	-- --	-- 0.003	D	-- --
07/22/85 1300	5050 5050		1000 E 1272	27.0C 8.0	--	-- --	-- --	-- --	-- --	-- 0.004	D	-- --
08/28/85 1115	5050 5050		1000 E 918	24.0C 7.5	--	-- --	-- --	-- --	-- --	-- 0.002	D	-- --
09/23/85 1230	5050 5050		1000 E 909	24.5C 7.4	--	-- --	-- --	-- --	-- --	-- 0.001	D	-- --

TABLE C-2 (CONTINUED)

MINOR ELEMENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	CONSTITUENTS IN MILLIGRAMS PER LITER ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
	RO 7200.00		SAN JOAQUIN R PATTERSON BR NR PATTERSON					BC6A0			
11/06/84	5050			16.0C		--	--	--	--	--	--
1130	5050		1080	7.6	--	--	--	--	--	0.001 D	--
01/08/85	5050			11.5C		--	--	--	--	--	--
1300	5050		1001	7.4	--	--	--	--	--	0.001 D	--
02/20/85	5050			13.5C		--	--	--	--	--	--
1215	5050		1658	8.0	--	--	--	--	--	0.005 D	--
03/12/85	5050			16.0C		--	--	--	--	--	--
1300	5050		1200	7.9	--	--	--	--	--	0.004 D	--
04/09/85	5050			20.0C		--	--	--	--	--	--
1100	5050		1485	7.6	--	--	--	--	--	0.005 D	--
05/08/85	5050			18.0C		--	--	--	--	--	--
1020	5050		1140	7.6	--	--	--	--	--	0.004 D	--
06/10/85	5050			25.0C		--	--	--	--	--	--
1100	5050		1100	7.6	--	--	--	--	--	0.003 D	--
07/22/85	5050			26.0C		--	--	--	--	--	--
1230	5050		1176	8.0	--	--	--	--	--	0.003 D	--
08/28/85	5050			26.0C		--	--	--	--	--	--
1200	5050		1000	7.1	--	--	--	--	--	0.002 D	--
09/23/85	5050			23.0C		--	--	--	--	--	--
1205	5050		749	7.8	--	--	--	--	--	0.000 D	--
	RO 7375.00		SAN JOAQUIN R A FREMONT FORD BR					BC6B0			
11/06/84	5050			14.5C		--	--	--	--	--	--
0930	5050		124	7.9	--	--	--	--	--	0.001 D	--
01/08/85	5050			10.0C		--	--	--	--	--	--
1100	5050		2224	7.8	--	--	--	--	--	0.002 D	--
02/20/85	5050			13.5C		--	--	--	--	--	--
1330	5050		2270	8.0	--	--	--	--	--	0.010 D	--
03/12/85	5050			17.0C		--	--	--	--	--	--
1120	5050		1287	7.9	--	--	--	--	--	0.009 D	--
04/09/85	5050			20.0C		--	--	--	--	--	--
1000	5050		2035	7.8	--	--	--	--	--	0.010 D	--
05/07/85	5050			19.0C		--	--	--	--	--	--
1210	5050		1568	8.2	--	--	--	--	--	0.009 D	--
06/10/85	5050			25.0C		--	--	--	--	--	--
0950	5050		1600	7.6	--	--	--	--	--	0.007 D	--
07/22/85	5050			29.0C		--	--	--	--	--	--
1120	5050		1564	8.0	--	--	--	--	--	0.002 D	--
08/28/85	5050			27.0C		--	--	--	--	--	--
1400	5050		960	6.9	--	--	--	--	--	0.002 D	--
09/23/85	5050			23.0C		--	--	--	--	--	--
1040	5050		624	7.8	--	--	--	--	--	0.000 D	--
	RO 7400.00		SAN JOAQUIN R NR STEVINSON					BC6B0			
11/07/84	5050			13.5C		--	--	--	--	--	--
0930	5050		570	7.6	--	--	--	--	--	0.000 D	--
01/09/85	5050			8.0C		--	--	--	--	--	--
0845	5050		735	8.0	--	--	--	--	--	0.000 D	--
02/19/85	5050			17.5C		--	--	--	--	--	--
1330	5050		635	7.9	--	--	--	--	--	0.001 D	--
03/12/85	5050			15.0C		--	--	--	--	--	--
1050	5050		301	8.0	--	--	--	--	--	0.000 D	--
04/10/85	5050			18.0C		--	--	--	--	--	--
0830	5050		741	8.4	--	--	--	--	--	0.000 D	--
05/07/85	5050			21.0C		--	--	--	--	--	--
1200	5050		864	8.5	--	--	--	--	--	0.001 D	--
06/10/85	5050			25.0C		--	--	--	--	--	--
0900	5050		362	7.4	--	--	--	--	--	0.000 D	--
07/22/85	5050			29.0C		--	--	--	--	--	--
1015	5050		1104	8.4	--	--	--	--	--	0.000 D	--
08/28/85	5050			29.0C		--	--	--	--	--	--
1415	5050		699	8.4	--	--	--	--	--	0.000 D	--
09/23/85	5050			24.0C		--	--	--	--	--	--
0945	5050		173	7.4	--	--	--	--	--	0.000 D	--
	RO 8735.00		ORESTIMBA C BL HWY 33					BC6A0			
01/08/85	5050	1 E		13.0C		--	--	--	--	--	--
1200	5050	916		8.4	--	--	--	--	--	0.001 D	--
02/20/85	5050	10 E		13.0C		--	--	--	--	--	--
1245	5050	1193		8.5	--	--	--	--	--	0.001 D	--
03/12/85	5050			16.0C		--	--	--	--	--	--
1230	5050	720		8.5	--	--	--	--	--	0.001 D	--
04/09/85	5050	5 E		21.0C		--	--	--	--	--	--
1030	5050	756		8.2	--	--	--	--	--	0.001 D	--
05/07/85	5050	20 E		20.0C		--	--	--	--	--	--
1310	5050	770		8.0	--	--	--	--	--	0.002 D	--

TABLE C-2 (CONTINUED)

MINOR ELEMENT ANALYSES OF SURFACE WATER

CONSTITUENTS IN MILLIGRAMS PER LITER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
R0 8735.00				ORESTIMBA C BL HWY 33				R06A0 CONTINUED			
06/10/85	5050		25 E	25.0C		--	--	--	--	--	--
1030	5050		800	7.8	--	--	--	--	--	0.004 D	--
07/22/85	5050		20 E	30.0C		--	--	--	--	--	--
1200	5050		648	8.2	--	--	--	--	--	0.002 D	--
08/28/85	5050			26.0C		--	--	--	--	--	--
1300	5050		784	7.9	--	--	--	--	--	0.001 D	--
09/23/85	5050		50 E	24.0C		--	--	--	--	--	--
1125	5050		796	8.2	--	--	--	--	--	0.002 D	--
R8 R 659.3 156.0				LOS BANOS RESERVOIR				80702			
11/13/84	5050			16 C		--	0.01 D	0.00 D	0.00 D	--	--
1150	5050	1	500	7.8	0.01 D	0.00 D	--	0.06 D	0.00 D	0.001 D	0.00 D
01/15/85	5050			10 C		--	--	0.01 D	0.00 D	--	--
1025	5050	1	600	7.8	0.01 D	--	--	0.02 D	0.01 D	0.000 D	0.01 D
03/19/85	5050			13 C		--	--	0.00 D	0.00 D	--	--
0900	5050	1	550	7.5	0.01 D	--	--	0.03 D	0.00 D	0.000 D	0.00 D
05/14/85	5050			19 C		--	--	0.00 D	0.00 D	--	--
0800	5050	1	560	7.8	0.01 D	--	--	0.01 D	0.00 D	0.001 D	0.00 D
07/16/85	5050			27 C		--	--	0.00 D	0.00 D	--	--
0900	5050	1	590	8.1	0.01 D	--	--	0.01 D	0.01 D	0.001 D	0.01 D
R8 8427.10				LOS BANOS CR AT CONF NO. & SO. FK				80701			
11/13/84	5050			10 C		--	0.00 D	0.01 D	0.01 D	0.000 T	--
0807	5050	1	1000	7.8	0.00 D	0.00 D	--	0.02 D	0.00 D	0.000 D	0.00 D
01/15/85	5050			6.5C		--	--	0.00 D	0.00 D	0.000 T	--
0900	5050	1	620	7.6	0.00 D	--	--	0.01 D	0.00 D	0.000 D	0.00 D
03/19/85	5050			13.0C		--	--	0.00 D	0.00 D	0.000 T	--
1045	5050	1	460	7.7	0.01 D	--	--	0.01 D	0.00 D	0.000 D	0.00 D
05/13/85	5050			24 C		--	--	0.00 D	0.00 D	0.000 T	--
1230	5050	1	540	7.8	0.01 D	--	--	0.01 D	0.01 D	0.000 D	0.00 D
R8 8427.50				SALT SPR NEAR LOS BANOS RESERVOIR				80702			
11/13/84	5050			14 C		--	0.00 D	0.01 D	0.00 D	0.000 T	--
1115	5050	1	46500	6.6	0.01 D	0.00 D	--	0.02 D	0.04 D	0.017 D	0.00 D
07/16/85	5050			25 C		--	--	0.04 D	0.00 D	--	--
0745	5050	1	34600	7.5	0.00 D	--	--	0.08 D	0.25 D	0.049 D	0.01 D
09/16/85	5050			20 C		--	0.00 D	0.03 D	0.00 D	--	--
0810	5050	1	32000	7.5	0.00 D	--	--	0.10 D	0.06 D	0.048 D	0.00 D
R8 8429.60				LOS BANOS CRK AT END OF RESERVOIR				80701			
11/13/84	5050			13 C		--	0.00 D	0.00 D	0.00 D	0.000 T	--
1025	5050	1	1380	7.7	0.01 D	0.00 D	--	0.08 D	0.06 D	0.001 D	0.00 D
12/18/84	5050			8 C		--	--	0.00 D	0.00 D	0.000 T	--
1130	5050		650	7.9	0.00 D	--	--	0.04 D	0.02 D	0.000 D	0.00 D
01/15/85	5050			8 C		--	--	0.00 D	0.00 D	0.000 T	--
0910	5050	1	900	8.0	0.01 D	--	--	0.03 D	0.02 D	0.000 D	0.01 D
02/19/85	5050			22 C		--	0.00 D	0.00 D	0.00 D	0.000 T	--
1250	5050		700	7.8	0.01 D	--	--	0.04 D	0.02 D	0.000 D	0.00 D
03/19/85	5050			12 C		--	--	0.00 D	0.00 D	0.000 T	--
0830	5050	1	700	7.8	0.01 D	--	--	0.03 D	0.01 D	0.000 D	0.01 D
04/16/85	5050			16.0C		--	--	0.00 D	0.00 D	0.000 T	--
0855	5050	1	740	7.8	0.01 D	--	--	0.04 D	0.02 D	0.000 D	0.00 D
05/14/85	5050			20 C		--	--	0.00 D	0.00 D	0.000 T	--
0720	5050	1	920	7.6	0.01 D	--	--	0.00 D	0.04 D	0.000 D	0.01 D
07/16/85	5050			26 C		0. D	--	0.00 D	0.00 D	0.000 T	--
0820	5050	1	725	8.0	0.01 D	0.00 D	--	0.02 D	0.01 D	0.000 D	0.01 D
C1 5151.60				DRY CREEK AT THOMPSON AVE FORD				C01D0			
02/11/85	5050		14.2	6 C		--	0.00 D	0.00 D	0.00 D	0.000 T	--
0845	5050		341	8.1	0.00 D	0.00 D	--	0.22 D	0.01 D	0.000 D	0.00 D
03/11/85	5050		9.2	12.0C		--	0.00 D	0.00 D	0.00 D	0.000 T	--
1040	5050		396	8.2	0.00 D	0.00 D	--	0.02 D	0.00 D	0.000 D	0.01 D

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TABLE C-3
MISCELLANEOUS ANALYSES OF SURFACE WATER

Lab and Sampler Agency Codes

5050 – California Department of Water Resources

Abbreviations and Constituents

TIME	– Pacific Standard Time on a 24-hour clock
TEMP	– Water temperature at time of sampling in degrees Fahrenheit (F) or Celcius (C)
EC	– Electrical conductance in microsiemens at 25° C
DO	– Dissolved oxygen content in milligrams per liter
GH	– Instantaneous gage height in feet above an established datum
pH	– Measure of acidity or alkalinity of water: F = field determination, L = Lab determination
DISCH	– Instantaneous discharge in cubic feet per second (E = estimated)
MBAS	– Methylene blue active substance (a test for detergent surfactants) in milligrams per liter
DEPTH	– Depth, in feet, at which sample was collected
TURB	– Jackson turbidity units measured with a Hach nephelometer, (A); if in the field, (F)
T+L	– Tannin and lignin as tannic acid in milligrams per liter
CHLOR	– Field determination of residual chlorine in milligrams per liter
O+G	– Oil and grease in milligrams per liter
COLOR	– True color in color units
SET S	– Settleable solids in milliliters per liter (ML/L) and milligrams per liter (MG/L)
BOD	– Biochemical oxygen demand in milligrams per liter: B = 5 days
SUS S	– Suspended solids in milligrams per liter; 5 = at 105 degrees C
COD	– Chemical oxygen demand in milligrams per liter
V SUS S	– Volatile suspended solids in milligrams per liter
CYANIDE	– Cyanide in milligrams per liter
PHENOLS	– Phenols in milligrams per liter
TOC	– Total organic carbon in milligrams per liter
DOC	– Dissolved organic carbon in milligrams per liter
IODIDE	– Iodide in milligrams per liter
T ODOR	– Threshold odor number at 60 degrees C
BROMIDE	– Bromide in milligrams per liter
SULFITE	– Sulfite in milligrams per liter
T SULF	– Total sulfides in milligrams per liter
D SULF	– Dissolved sulfides in milligrams per liter
CC EXT	– Carbon chloroform extract
CA EXT	– Carbon alcohol extract

TABLE C-3

MISCELLANEOUS ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.H.	P-PH L-PH	DISCH MGAS	DEPTH TURB	T+L CHLOR	O+G COLOR	SET S ML/L MG/L	BOD SUS S	COD V SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T DOC	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
	RO	3115.00			STANISLAUS R A KOETITZ RANCH						BORCO						
10/22/84	5050	14 C	9.5	7.2			--	--	--	0.9 R	--	--	--	--	--	--	--
1250	5050	105	30.82		--		--	--	--	--	--	--	--	--	--	--	--
08/28/85	5050	17.0C	9.3	7.2			--	--	--	1.4 R	--	--	--	--	--	--	--
0930	5050	105	32.40		--		--	--	--	--	--	--	--	--	--	--	--
09/23/85	5050	23.0C	8.7	7.4			--	--	--	0.7 R	--	--	--	--	--	--	--
1425	5050	172	28.92		--		--	--	--	--	--	--	--	--	--	--	--
	RO	4105.00			TUOLUMNE R A TUOLUMNE CITY						RORFO						
10/22/84	5050	15 C	9.4	7.3			--	--	--	0.7 R	--	--	--	--	--	--	--
1115	5050	138	25.50		--		--	--	--	--	--	--	--	--	--	--	--
08/28/85	5050	24.0C	7.5	7.5			--	--	--	1.3 R	--	--	--	--	--	--	--
1015	5050	357	23.46		--		--	--	--	--	--	--	--	--	--	--	--
09/23/85	5050	24.0C	8.2	7.8			--	--	--	2.2 R	--	--	--	--	--	--	--
1305	5050	337	23.26		--		--	--	--	--	--	--	--	--	--	--	--
	RO	5131.00			MERCED R A MILLIKEN RR						RORGO						
10/22/84	5050	14 C	8.9	7.0	300 E		--	--	--	1.2 R	--	--	--	--	--	--	--
0915	5050	111			--		--	--	--	--	--	--	--	--	--	--	--
11/26/84	5050	10.0	10.1	7.0	1000 E		--	--	--	2.2 R	--	--	--	--	--	--	--
1430	5050	54			--		--	--	--	--	--	--	--	--	--	--	--
09/23/85	5050	22.0C	7.5	7.2	250 E		--	--	--	1.6 R	--	--	--	--	--	--	--
1015	5050	159			--		--	--	--	--	--	--	--	--	--	--	--
	R6	4159.00			CHOWCHILLA R BL BUCHANAN DM NR RY						R13A1						
10/29/84	5050	13 C	8.3	7.2	0.1		--	--	--	2.0 R	--	--	--	--	--	--	--
0900	5050	232	1.08		--		--	--	--	--	--	--	--	--	--	--	--
11/27/84	5050	09 C	6.4	7.0	0.1		--	--	--	1.9 R	--	--	--	--	--	--	--
0930	5050	214	1.12		--		--	--	--	--	--	--	--	--	--	--	--
	R6	7150.00			FRESNO R BL HIDDEN DM NR DAULTON						R13B0						
10/29/84	5050	17 C	9.6	7.4	25		--	--	--	1.9 R	--	--	--	--	--	--	--
1015	5050	170	2.65		--		--	--	--	--	--	--	--	--	--	--	--
11/27/84	5050	0 C	6.2	7.3	0.2		--	--	--	2.2 R	--	--	--	--	--	--	--
1030	5050	200	12.52		--		--	--	--	--	--	--	--	--	--	--	--
	CO	2185.00			KAWEAH R BL TERMINUS DM						CO1K0						
10/30/84	5050	17 C	9.2	7.3	25 E		--	--	--	0.9 R	--	--	--	--	--	--	--
1105	5050	115	0.57		--		--	--	--	--	--	--	--	--	--	--	--
11/27/84	5050	12.0C	9.9	7.4			--	--	--	1.1 R	--	--	--	--	--	--	--
1030	5050	99	4.19		--		--	--	--	--	--	--	--	--	--	--	--
09/11/85	5050	21.0C	7.5	7.1	20 E		--	--	--	0.5 R	--	--	--	--	--	--	--
0800	5050	96	0.72		--		--	--	--	--	--	--	--	--	--	--	--
	CO	3196.00			TULE R BL SUCCESS DM						CO11J						
10/30/84	5050	18 C	9.2	7.8	100 E		--	--	--	2.1 R	--	--	--	--	--	--	--
0920	5050	251	5.24		--		--	--	--	--	--	--	--	--	--	--	--
08/21/85	5050	25.0C	5.9	7.7	37.0		--	--	--	1.1 R	--	--	--	--	--	--	--
0850	5050	200	2.98		--		--	--	--	--	--	--	--	--	--	--	--
09/11/85	5050	24.0C	8.8	8.1	25 E		--	--	--	0.6 R	--	--	--	--	--	--	--
0945	5050	214	2.75		--		--	--	--	--	--	--	--	--	--	--	--
	C1	5151.40			DRY CREEK AT THOMPSON AVE FORD						CO1D0						
02/11/85	5050	6 C	12.2	8.1	14.2		--	0	--	--	14	--	--	--	--	--	--
0845	5050	341			--		--	--	--	12 5	2	--	--	--	--	--	--
03/11/85	5050	12.0C	9.8	8.2	9.2		--	0	--	--	12	--	--	--	--	--	--
1040	5050	396			--		--	--	--	9 5	4	--	--	--	--	--	--

TABLE C-4
NUTRIENT ANALYSES OF SURFACE WATER

Lab and Sampler Agency Code

5050 – California Department of Water Resources

Abbreviations

TIME	–	Pacific Standard Time on a 24-hour clock
GH	–	Instantaneous gage height, in feet, above an established datum
Q	–	Instantaneous discharge in cubic feet per second
TEMP	–	Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
Depth	–	Depth, in feet, when measurement was taken
F EC	–	Field determination of electrical conductance in microsiemens at 25°C
F PH	–	Field determination of acidity or alkalinity
TURB	–	Jackson turbidity units measured with a Hach nephelometer, (A); if in the field, (F)
F-C02	–	Field determination of carbon dioxide in milligrams per liter
P ALK	–	Field determination of alkalinity (Phenol)
T ALK	–	Field determination of alkalinity (Total)

(Nitrogen Series as N)

D N02+N03	–	Dissolved nitrite and nitrate
D N02	–	Dissolved nitrite
D NO3	–	Dissolved nitrate
D ORG N	–	Dissolved organic nitrogen
T ORG N	–	Total organic nitrogen
D NH 3	–	Dissolved ammonia
T NH 3	–	Total ammonia
T (NH3+ORG N)	–	Total ammonia plus organic nitrogen

(Phosphorus Series as P)

DIS.A.H.P04	–	Dissolved acid hydrolyzable phosphate
D O-P04	–	Dissolved orthophosphate
T O-P04	–	Total orthophosphate
D TOT P	–	Dissolved total phosphorus
T TOT P	–	Total phosphorus

TABLE C-4

NUTRIENT ANALYSES OF SURFACE WATER

DATE / TIME	SAMP / LAB	G.H. / O DEPTH	TEMP / DEPTH	FIELD F EC / F PH	F CO2	TURB / P ALK / T ALK	CONSTITUENTS IN MILLIGRAMS PER LITER D NO2 + NO3	D NO2 / D NO3	D ORG N / T ORG N	D NH3 / T NH3	T NH3 + ORG N	DIS A.H.PO4	D O-PO4 / T O-PO4	D TOT P / T TOT P
	RO 0400.00	MUD SLU NR STEVINSON							ROBGO					
08/28/85	5050		28.0C	2064		4.1	--	--	--			--	0.05	--
1340	5050	50 E		8.3			--	--	--	--			--	0.19
	RO 0470.00	SALT SLU NR STEVINSON							RC6RO					
01/09/85	5050	65.02	10.0C	2537		1.3	--	--	--			--	0.01	--
0915	505C			7.4			--	--	--	--			--	0.18
08/27/85	5050	66.62	28.0C	1335		1.8	--	--	--			--	0.16	--
1415	5050			7.5			--	--	--	--			--	0.47
	RO 0770.00	DELTA MENDOTA CA TO MENDOTA POOL							RO690					
01/09/85	5050	13.90	9.5C	798		0.45	--	--	--			--	0.00	--
1315	5050			9.6			--	--	--	--			--	0.04
08/26/85	5050	14.8	23.0C	456		0.43	--	--	--			--	0.08	--
0815	5050			7.4			--	--	--	--			--	0.13
	RO 3115.00	STANISLAUS R A KOETITZ RANCH							ROBCO					
10/22/84	5050	30.82	14 C	105		0.32	--	--	--			--	0.02	--
1250	5050			7.2			--	--	--	--			--	0.07
01/08/85	5050	31.64	12.0C	99		0.35	--	--	--			--	0.02	--
1515	5050			7.4			--	--	--	--			--	0.03
08/28/85	5050	32.40	17.0C	105		0.15	--	--	--			--	0.02	--
0930	5050			7.2			--	--	--	--			--	0.05
09/23/85	5050	28.92	23.0C	172		0.63	--	--	--			--	--	--
1425	5050			7.4			--	--	--	--			--	0.09
	RO 4105.00	TUOLUMNE R A TUOLUMNE CITY							ROBEO					
10/22/84	5050	25.50	15 C	138		0.70	--	--	--			--	0.03	--
1115	5050			7.3			--	--	--	--			--	0.06
01/08/85	5050	26.90	12.0C	172		1.0	--	--	--			--	0.02	--
1345	5050			7.2			--	--	--	--			--	0.04
08/28/85	5050	23.46	24.0C	357		1.3	--	--	--			--	0.12	--
1015	5050			7.5			--	--	--	--			--	0.18
09/23/85	5050	23.26	24.0C	337		1.4	--	--	--			--	--	--
1305	5050			7.8			--	--	--	--			--	0.16
	RO 4130.00	ORY C NR MODESTO							ROBCO					
01/08/85	5050	66.55	10.5C	275		2.1	--	--	--			--	0.20	--
1615	5050			7.4			--	--	--	--			--	0.28
08/28/85	5050	67.24	21.0C	245		0.62	--	--	--			--	0.50	--
0645	5050			7.2			--	--	--	--			--	0.52
	RO 4175.00	TUOLUMNE R A LA GRANGE BRIDGE							BCBFC					
10/22/84	5050	4.71	10.0C	34		0.06	--	--	--			--	0.01	--
0830	5050			6.8			--	--	--	--			--	0.01
06/10/85	5050	4.65	14.0C	38		0.06	--	--	--			--	0.01	--
1430	5050			7.0			--	--	--	--			--	0.01
	RO 5131.00	MERCED R A MILLIKEN BR							ROBGO					
10/22/84	5050		14 C	111		0.91	--	--	--			--	0.03	--
0915	5050	300 E		7.0			--	--	--	--			--	0.06
11/26/84	5050		10.0C	54		0.16	--	--	--			--	--	--
1430	5050	1000 E		7.0			--	--	--	--			--	0.06
01/08/85	5050		11.0C	101		0.84	--	--	--			--	0.02	--
1015	5050	1400 E		7.0			--	--	--	--			--	0.04
08/27/85	5050		27.0C	230		1.4	--	--	--			--	0.03	--
1500	5050	250 E		7.3			--	--	--	--			--	0.05
09/23/85	5050		22.0C	159		1.0	--	--	--			--	--	--
1015	5050	250 E		7.2			--	--	--	--			--	0.04
	RO 5166.50	CANAL C A OAKDALE RD							BOBJO					
11/27/84	5050		8.0C	162		0.39	--	--	--			--	0.65	--
0830	5050	1 F		7.2			--	--	--	--			--	0.66
04/09/85	5050		14.0C	50		0.04	--	--	--			--	0.02	--
0900	5050	70 E		7.1			--	--	--	--			--	0.04
	RO 5184.00	MERCED R BL MERCED FALLS DAM							RCBJO					
11/27/84	5050	5.98	12.0C	40		0.09	--	--	--			--	0.02	--
0930	5050			6.8			--	--	--	--			--	0.02
04/09/85	5050	6.64	15.0C	49		0.03	--	--	--			--	0.00	--
1140	5050			7.2			--	--	--	--			--	0.00
	RO 5570.00	BEAR C BL BEAR RES NR PLANADA							B1200					
11/26/84	5050		9.0C	321		0.28	--	--	--			--	0.02	--
1130	5050	5 E		7.7			--	--	--	--			--	0.05
04/09/85	5050	2.55	26.0C	230		0.01	--	--	--			--	0.02	--
1300	5050			8.2			--	--	--	--			--	0.06

TABLE C-4 (CONTINUED)

NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	G.H. Q	TEMP DEPTH	F EC F PH	TURB F CO2	FIELD P ALK T ALK	CONSTITUENTS IN MILLIGRAMS PER LITER D NO2 + NO3	D NO2 D NO3	D ORG N T ORG N	D NH3 T NH3	T NH3 + ORG N	OIS A.H.PO4	D O-PO4 T O-PO4	D TOT P T TOT P
	RO 6170.00		OWENS C BL OWENS DM NR PLANADA							B08G0				
11/26/84	5050		8.0C	463		0.19	--	--	--			--	0.01	--
1015	5050	1 F		7.8			--	--	--		--		0.06	--
04/09/85	5050	2.48	28.0C	414		0.19	--	--	--			--	0.04	--
1400	5050			7.8			--	--	--		--		--	0.28
	RO 7040.00		SAN JOAQUIN R A MAZE RD BR							B06AQ				
01/08/85	5050	15.93	12.5C	780		1.6	--	--	--			--	0.10	--
1430	5050			7.3			--	--	--		--		--	0.19
08/28/85	5050	14.45	27.0C	941		2.1	--	--	--			--	0.18	--
0745	5050			7.4			--	--	--		--		--	0.32
	RO 7080.00		SAN JOAQUIN R NR GRAY A LAIR SLU							B06A0				
01/08/85	5050		11.5C	1130		2.0	--	--	--			--	0.17	--
1330	5050	1500 E		7.3			--	--	--		--		--	0.35
08/28/85	5050		24.0C	918		2.3	--	--	--			--	0.23	--
1115	5050	1000 E		7.5			--	--	--		--		--	0.49
	RO 7200.00		SAN JOAQUIN R PATTERSON BR NR PATTERSON							B06A0				
01/08/85	5050	34.18	11.5C	1001		1.7	--	--	--			--	0.12	--
1300	5050			7.4			--	--	--		--		--	0.18
08/28/85	5050	33.62	26.0C	1000		2.3	--	--	--			--	0.18	--
1200	5050			7.1			--	--	--		--		--	0.34
	RO 7375.00		SAN JOAQUIN R A FREMONT FORD BR							B06B0				
01/08/85	5050	55.64	10.0C	2224		1.2	--	--	--			--	0.09	--
1100	5050			7.8			--	--	--		--		--	0.23
08/28/85	5050	56.46	27.0C	960		1.6	--	--	--			--	0.13	--
1400	5050			6.9			--	--	--		--		--	0.35
	RO 7400.00		SAN JOAQUIN R NR STEVINSON							B06B0				
01/09/85	5050	61.80	8.0C	735		1.4	--	--	--			--	0.49	--
0845	5050			8.0			--	--	--		--		--	0.52
08/28/85	5050		29.0C	699		0.00	--	--	--			--	0.09	--
1415	5050			8.4			--	--	--		--		--	0.24
	RO 7710.00		SAN JOAQUIN R NR MENDOTA							B06B0				
01/09/85	5050	1.31	10.0C	681		0.33	--	--	--			--	0.01	--
1330	5050			9.5			--	--	--		--		--	0.17
08/26/85	5050	1.44	24.0C	509		0.26	--	--	--			--	0.07	--
0900	5050			7.5			--	--	--		--		--	0.15
	RO 7885.00		SAN JOAQUIN R BL FRIANT							B09M0				
11/27/84	5050	1.00	11 C	54		0.12	--	--	--			--	0.06	--
1350	5050	30 F		6.8			--	--	--		--		--	0.09
04/10/85	5050	2.47	11.0C	54		0.03	--	--	--			--	0.03	--
1140	5050			7.2			--	--	--		--		--	0.05
	RO 8735.00		ORESTIMBA C BL HWY 33							B06A0				
01/08/85	5050		13.0C	916		5.6	--	--	--			--	0.01	--
1200	5050	1 E		8.4			--	--	--		--		--	0.30
08/28/85	5050	1.80	25.0C	784		1.2	--	--	--			--	0.10	--
1300	5050			7.0			--	--	--		--		--	0.40
	R3 1130.00		STANISLAUS R BL GOODWIN DM							B09A0				
10/22/84	5050		15.0C	64		0.08	--	--	--			--	0.01	--
0930	5050	2000 E		7.2			--	--	--		--		--	0.02
04/09/85	5050		13.0C	77		0.08	--	--	--			--	0.00	--
1030	5050	1000 E		7.3			--	--	--		--		--	0.01
	R3 2110.10		STANISLAUS R NF A CALV BIG TREES							B09D0				
10/22/84	5050		11.0C	38		0.01	--	--	--			--	0.00	--
1130	5050	200 F		7.2			--	--	--		--		--	0.01
06/11/85	5050		21.0C	32		0.41	--	--	--			--	0.01	--
1115	5050	200 F		7.0			--	--	--		--		--	0.01
	R3 3490.10		STANISLAUS R NF A DARDANELLE							B09E1				
10/22/84	5050		6.0C	78		0.01	--	--	--			--	0.01	--
1430	5050	100 F		7.4			--	--	--		--		--	0.02
06/11/85	5050		9.0C	43		0.31	--	--	--			--	0.01	--
0830	5050	250 F		7.0			--	--	--		--		--	0.02
	R4 1850.10		TUOLUMNE R A TUOLUMNE MDW							B1CE0				
10/23/84	5050	1.75	8.0C	44		0.05	--	--	--			--	0.00	--
1230	5050			7.0			--	--	--		--		--	0.01
06/12/85	5050	3.32	9.0C	17		0.03	--	--	--			--	0.01	--
0915	5050			6.8			--	--	--		--		--	0.01
	R5 6100.00		BURNS C BL BURNS DM NR PLANADA							B08J0				
11/26/84	5050	2.42	10.0C	76		0.26	--	--	--			--	0.02	--
1215	5050			7.0			--	--	--		--		--	0.12
04/09/85	5050	2.14	27.0C	306		0.01	--	--	--			--	0.02	--
1345	5050	1 E		8.4			--	--	--		--		--	0.10

TABLE C-4 (CONTINUED)

NUTRIENT ANALYSES OF SURFACE WATER

DATE / TIME	SAMP / LAB	G.H. / Q / DEPTH	TEMP	FIELD: F EC / F PH / F CO2 / TURB / P ALK / T ALK	CONSTITUENTS IN MILLIGRAMS PER LITER: D NO2 + NO3 / D NO2 D NO3 / D ORG N T ORG N / D NH3 T NH3 / T NH3 + ORG N / DIS A.H.PO4 / D O-PO4 T O-PO4 / D TOT P T TOT P
	86 2100.00	MARIPOSA C BL MARIPOSA DM			B12J0
04/09/85	5050	2.40	23.0C	281	0.01	--	--	--	--	0.03	--
1500	5050	5 E		8.2		--	--	--	--	--	0.07
	86 4159.00	CHOWCHILLA R BL BUCHANAN DM NR RY			B13A1
10/29/84	5050	1.08	13 C	232	0.05	--	--	--	--	--	--
0900	5050	0.1		7.2		--	--	--	--	--	0.42
11/27/84	5050	1.12	9 C	214	0.12	--	--	--	--	0.02	--
0930	5050	0.1		7.0		--	--	--	--	--	0.09
	86 7150.00	FRESNO R BL HIDDEN DM NR DAULTON			B13B0
10/29/84	5050	2.65	17 C	170	0.15	--	--	--	--	--	--
1015	5050	25		7.4		--	--	--	--	--	0.05
11/27/84	5050	12.52	9 C	200	0.15	--	--	--	--	0.01	--
1030	5050	0.2		7.3		--	--	--	--	--	0.09
	86 7283.90	FRESNO R BL OAKHURST			B13C0
11/26/84	5050		6 C	155	0.02	--	--	--	--	0.01	--
	5050	25 E		7.3		--	--	--	--	--	0.03
11/27/84	5050		6.0C	155	0.02	--	--	--	--	0.01	--
1140	5050	25 F		7.3		--	--	--	--	--	0.03
04/10/85	5050		14.0C	164	0.02	--	--	--	--	0.01	--
1000	5050	70 E		7.6		--	--	--	--	--	0.03
	86 7325.00	FRESNO R LEWIS F NR OAKHURST			B13C0
11/27/84	5050	1.15	4 C	155	0.01	--	--	--	--	0.01	--
1215	5050	15 F		7.3		--	--	--	--	--	0.02
04/10/85	5050	1.46	11.0C	65	0.02	--	--	--	--	0.00	--
1030	5050			7.3		--	--	--	--	--	0.02
	87 1180.00	SAN JOAQUIN R BL KERCK NR PRATHER			B14A1
10/23/84	5050	5.00	15.0C	49	0.03	--	--	--	--	0.00	--
0915	5050	30 F		7.8		--	--	--	--	--	0.02
06/24/85	5050	5.00	15.0C	57	0.05	--	--	--	--	0.01	--
0830	5050	30 E		7.1		--	--	--	--	--	0.01
	87 4250.50	SAN JOAQUIN R SE A MONO HOT SPR			B14D0
10/22/84	5050	2.50	5.0C	30	0.02	--	--	--	--	0.01	--
1000	5050	10 E		7.3		--	--	--	--	--	0.01
06/25/85	5050	2.00	15.0C	47	0.04	--	--	--	--	0.01	--
0945	5050	5 E		7.2		--	--	--	--	--	0.01
	88 0 650.3 1*6.0	LOS BANOS RESERVOIR			B0702
11/13/84	5050		16 C	500	24	0	0.00	--	--	0.04	--	0.02	--
1150	5050		1	7.8		190		--	--	--	0.5	--	0.04
01/15/85	5050		13 C	600	4A	0	0.10	--	--	0.02	--	0.04	--
1025	5050		1	7.8		175		--	--	--	0.4	--	0.07
03/19/85	5050		13 C	550		0	0.00	--	--	0.00	--	0.00	--
0900	5050		1	7.5		190		--	--	--	0.6	--	0.03
05/14/85	5050		19 C	560	2A	0	0.00	--	--	0.00	--	0.00	--
0800	5050		1	7.8		182		--	--	--	0.5	--	0.02
07/16/85	5050		27 C	590	3A	10	0.01	--	--	0.01	--	0.00	--
0900	5050		1	8.1		150		--	--	--	0.7	--	0.03
	88 8427.10	LOS BANOS CR AT CONF NO. & SO. FK			B0701
11/13/84	5050		10 C	1000	1A	0	0.05	--	--	0.01	--	0.01	--
0807	5050		1	7.8		240		--	--	--	0.2	--	0.02
01/15/85	5050		6.5C	620	1A	0	1.2	--	--	0.01	--	0.16	--
0900	5050		1	7.6		190		--	--	--	0.4	--	0.18
03/19/85	5050		13 C	660		0	0.01	--	--	0.00	--	0.02	--
1045	5050		1	7.7		175		--	--	--	0.2	--	0.02
05/13/85	5050		24 C	540	1A	0	0.01	--	--	0.01	--	0.01	--
1230	5050		1	7.8		207		--	--	--	0.2	--	0.02
	88 8427.50	SALT SPR NEAR LOS BANOS RESERVOIR			B0702
11/13/84	5050		14 C	46500			0.10	--	--	0.05	--	0.02	--
1115	5050		1	6.6				--	--	--	3.5	--	0.24
07/16/85	5050		25 C	34600		0	0.31	--	--	0.04	--	0.06	--
0745	5050		1	7.5		200		--	--	--	3.7	--	0.09
09/16/85	5050		20 C	32000		0	0.30	--	--	0.02	--	0.00	--
0810	5050		1	7.5		265		--	--	--	1.7	--	0.04
	88 8429.60	LOS BANOS CRK AT END OF RESERVOIR			B0701
11/13/84	5050		13 C	1560	2A	0	0.01	--	--	0.01	--	0.02	--
1025	5050		1	7.7		380		--	--	--	0.4	--	0.02
12/18/84	5050		8 C	650	1A	0	0.07	--	--	0.02	--	0.03	--
1130	5050			7.6		200		--	--	--	0.3	--	0.04
01/15/85	5050		8 C	900	2A	0	0.01	--	--	0.01	--	0.06	--
0910	5050		1	8.0		260		--	--	--	0.3	--	0.07
02/19/85	5050		22 C	700	1A	0	0.00	--	--	0.01	--	0.02	--
1250	5050			7.8		250		--	--	--	0.5	--	0.03

TABLE C-4 (CONTINUED)

NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	G.H. Q	TEMP DEPTH	F EC F PH	TURB F CO2	FIELD P ALK T ALK	D NO2 + NO3	D NO2 D NO3	D ORG N T ORG N	D NH3 T NH3	T NH3 + ORG N	DIS 4.H.PO4	D O-PO4 T O-PO4	D TOT P T TOT P
							CONSTITUENTS IN MILLIGRAMS PER LITER							
		B8 8429.60		LOS BANOS CRK AT END OF RESERVOIR					P0701 CONTINUED					
03/19/85	5050		12 C	700		0	0.01	--	--	0.00		--	0.02	--
0830	5050		1	7.8		249		--	--	--	0.3		--	0.02
04/16/85	5050		16.0C	740	14	0	0.01	--	--	0.01		--	0.02	--
0855	5050		1	7.8		250		--	--	--	0.3		--	0.04
05/14/85	5050		20 C	920	14	0	0.01	--	--	0.01		--	0.02	--
0720	5050		1	7.6		290		--	--	--	0.3		--	0.03
06/17/85	5050		27 C	750	34	0	0.01	--	--	0.01		--	0.01	--
0745	5050		1	8.5		272		--	--	--	0.9		--	0.05
07/16/85	5050		26 C	725	44	0	0.01	--	--	0.02		--	0.01	--
0820	5050		1	8.0		230		--	--	--	1.3		--	0.13
		C0 1140.00		KINGS R BL PEOPLES WR NR KINGSBURG					C01F0					
10/30/84	5050		16.5C	224			0.05	--	--	--		--	0.03	--
1240	5050	50 E		8.0				--	--	--	--		--	0.08
05/21/85	5050	66.85	21.0C	162			0.64	--	--	--		--	0.02	--
0715	5050	75 E		7.4				--	--	--	--		--	0.07
		C0 2185.00		KAWEAH R BL TERMINUS DM					C01K0					
10/30/84	5050	0.57	17 C	115			0.10	--	--	--		--	0.01	--
1105	5050	25 E		7.3				--	--	--	--		--	0.02
11/27/84	5050	4.19	12.0C	99			0.05	--	--	--		--	--	--
1030	5050			7.4				--	--	--	--		--	0.02
05/22/85	5050	4.99	14.0C	57			0.04	--	--	--		--	0.01	--
1145	5050	350 E		7.2				--	--	--	--		--	0.01
09/11/85	5050	0.72	21.0C	96			0.09	--	--	--		--	--	--
0800	5050	20 E		7.1				--	--	--	--		--	0.02
		C0 3196.00		TULE R BL SUCCESS DM					C01L0					
10/30/84	5050	5.24	18 C	251			0.10	--	--	--		--	0.01	--
0920	5050	100 E		7.8				--	--	--	--		--	0.04
05/22/85	5050	3.36	17.0C	181			0.11	--	--	--		--	0.01	--
1015	5050			8.0				--	--	--	--		--	0.04
08/21/85	5050	2.98	25.0C	200			0.12	--	--	--		--	--	--
0850	5050	37.0		7.7				--	--	--	--		--	0.10
		C0 4460.00		POSO C 4 PORTERVILLE HW NR DDW					C01U0					
05/22/85	5050		23.0C	473			0.14	--	--	--		--	0.07	--
0845	5050	2 E		7.8				--	--	--	--		--	0.16
		C0 5150.00		KERN R NR BAKERSFIELD					C01U0					
10/29/84	5050		15 C	109			0.15	--	--	--		--	0.03	--
1515	5050	300 E		7.9				--	--	--	--		--	0.04
05/22/85	5050		18.0C	103			0.02	--	--	--		--	0.01	--
0700	5050	600 E		7.4				--	--	--	--		--	0.05
		C1 1320.00		BIG C AB PINE FLAT RES NR TRIMMER					C03B1					
10/29/84	5050	1.31	15 C	135			0.02	--	--	--		--	0.01	--
1245	5050	20.0		7.8				--	--	--	--		--	0.01
05/22/85	5050	1.60	16.0C	90			0.00	--	--	--		--	0.00	--
0815	5050	10.0		7.4				--	--	--	--		--	0.01
		C1 1460.00		KINGS R BL NF NR TRIMMER					C03B1					
10/29/84	5050	3.08	13 C	52			0.02	--	--	--		--	0.01	--
1350	5050	300		7.3				--	--	--	--		--	0.01
05/22/85	5050	7.46	12.0C	26			0.02	--	--	--		--	0.00	--
0915	5050	6000.0		7.1				--	--	--	--		--	0.01
		C1 2199.10		DINKEY C BL DINKEY C RES					C03B3					
10/22/84	5050		16.0C	44			0.02	--	--	--		--	0.00	--
1400	5050	25 E		7.2				--	--	--	--		--	0.01
06/25/85	5050		16.0C	50			0.02	--	--	--		--	0.00	--
1400	5050	10 E		7.3				--	--	--	--		--	0.00
		C1 2207.10		DINKEY C AB DINKEY C RES					C03B3					
10/22/84	5050		10.0C	37			0.01	--	--	--		--	0.00	--
1245	5050	25 E		7.2				--	--	--	--		--	0.01
06/25/85	5050		16.0C	48			0.02	--	--	--		--	0.00	--
1230	5050	10 E		7.2				--	--	--	--		--	0.00
		C1 5151.60		DRY CREEK AT THOMPSON AVE FORD					C0190					
02/11/85	5050		6.0C	341			--	--	--	--		--	0.09	--
0845	5050	14.2		8.1				0.41	--	--	0.7		--	0.13
03/11/85	5050		12.0C	396			--	--	--	--		--	0.05	--
1040	5050	9.2		8.2				0.34	--	--	0.3		--	0.08
		C4 4210.00		POSO C NR OILDALE					C05E0					
10/29/84	5050	6.33	17 C	292			0.09	--	--	--		--	0.04	--
1425	5050			8.0				--	--	--	--		--	0.12
05/22/85	5050	6.54	20.0C	258			0.14	--	--	--		--	0.04	--
0800	5050	10 E		7.8				--	--	--	--		--	0.09

TABLE C-4 (CONTINUED)

NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	G.H. O	TEMP DEPTH	F EC F PH	TURB F CO2	FIELD P ALK T ALK	CONSTITUENTS IN MILLIGRAMS PER LITER D NO2 + NO3	D NO2 D NO3	D ORG N T ORG N	O NH3 T NH3	T NH3 + ORG N	OIS A.H.PO4	D O-PO4 T O-PO4	D TOT P T TOT P
	C4	4950.10		POSO C BL GLENNVILLE					C05E0					
10/29/84	5050		16 C	224			0.03	--	--	--		--	0.03	--
1300	5050	5 E		8.0				--	--	--	--		--	0.09
05/21/85	5050		19.0C	280			0.07	--	--	--		--	0.03	--
1000	5050	1 F		8.2				--	--	--	--		--	0.06
	C5	1350.00		KERN R BL ISABELLA DAM					C06A0					
10/29/84	5050	7.05	15 C	71			0.10	--	--	--		--	0.03	--
1040	5050			7.3				--	--	--	--		--	0.05
05/21/85	5050	7.48	17.0C	94			0.02	--	--	--		--	0.01	--
1315	5050			7.4				--	--	--	--		--	0.02
	C5	1600.10		KERN R AB FAIRVIEW					C06B2					
10/29/84	5050		8.5C	109			0.00	--	--	--		--	0.00	--
1145	5050	50 F		7.6				--	--	--	--		--	0.01
05/21/85	5050		13.0C	39			0.01	--	--	--		--	0.00	--
1200	5050	300 F		7.2				--	--	--	--		--	0.02

TABLE C-5
PESTICIDE ANALYSES OF SURFACE WATER

Lab and Sampler Agency Code

5050 – California Department of Water Resources

Abbreviations

TIME – Pacific Standard Time on a 24-hoour clock
TEMP – Water temperature at time of sampling in degrees Celcius (C)
EC – Electrical conductance in microsiemens at 25°C
DO – Dissolved oxygen content in milligrams per liter
pH – Measure of acidity or alkalinity of water
Discharge – Instantaneous discharge in cubic feet per second

Pesticide Codes

Chorinated Hydrocarbons

Code	Explanation
Chydrocarb	Chlorinated hydrocarbon compounds used for zero concentrations; not total

Organic Phosphorous

Code	Explanation
Organicp	Organic phosphorous compounds; used for zero concentrations, not total

Other

Code	Explanation or common name
ALTRAZSIMAZ	Atrazine and/or Simazine
BRDCLMETHN	Bromodichloromethane
BROMOFORM	Bromoform
CHLOROFORM	Chloroform
PHENOXYGR	Chlorinated phenoxy acid Group, which includes 2,4-D; 2,5-T; 2,4,5-TP and MCPA (also PCP and TETRACP) used for zero concentrations, not total
PRGHALOCRB	Purgable halocarbons; used for zero concentrations, not total
2,4D	Includes acid, salts, and esters

TABLE C-5

PESTICIDE ANALYSES OF SURFACE WATER

COMPOUNDS REPORTED IN MILLIGRAMS PER LITER

DATE TIME	SAMP LAB	TEMP EC	DO PH	DISCHARGE	CHLORINATED HYDROCARBON		ORGANIC PHOSPHORUS		OTHER	
	C1	5151.60		ORY CREEK AT THOMPSON AVE FORD			C0100			
02/11/85	5050	6.0C	12.2		.00000	CHYDROCARB	.CC000	ORGANICP	.00000	PHENOXYCR
0845	5050	341	8.1	14.2						
03/11/85	5C50	12.0C	9.8				.00000	ORGANICP	.00003	ATRA7SIMA7
1040	5050	396	8.2	9.2					.0006A	24D

APPENDIX D

GROUND WATER MEASUREMENTS

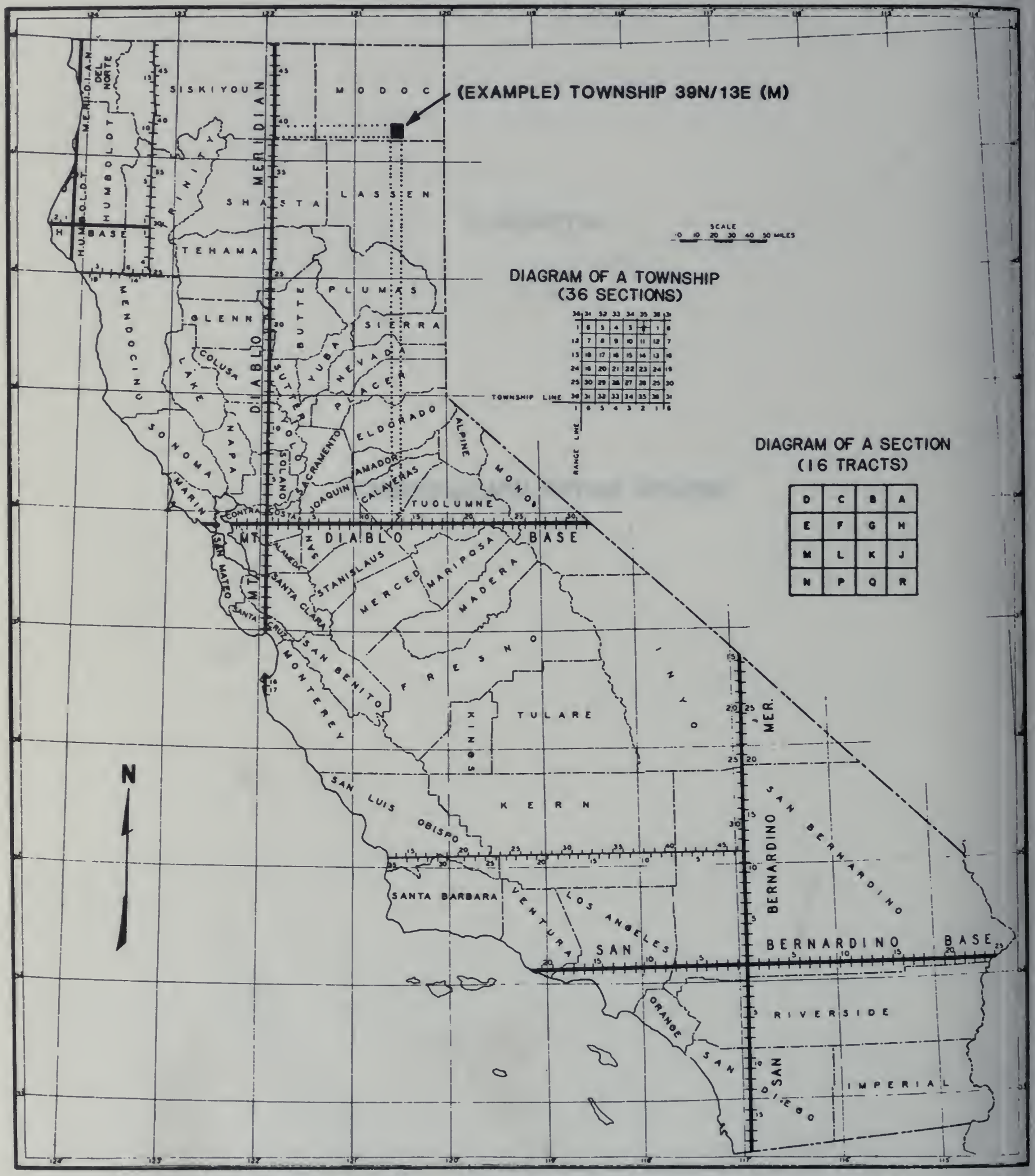


Figure 5. TOWNSHIP AND RANGE SYSTEM OF CALIFORNIA

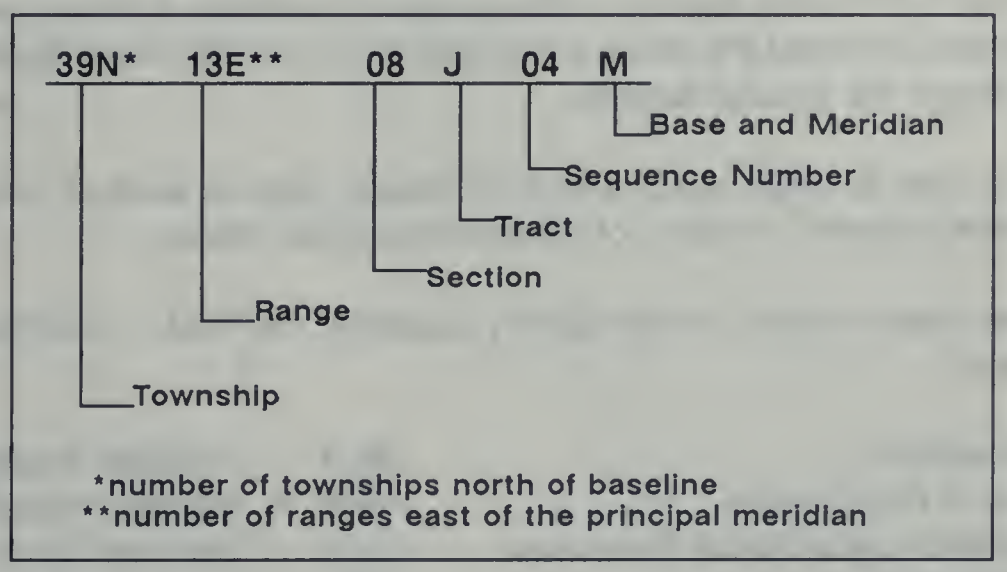
APPENDIX D
GROUND WATER MEASUREMENTS

Appendix "D" presents depth to water measurements (ground to water) and water surface elevations for selected wells in the San Joaquin Valley from October 1, 1984 to September 30, 1985.

The location of a well can be approximated by the well number. The numbering system for wells is based on a rectangular system called the United States System of Surveying the Public Lands, commonly referred to as the Public Lands Survey. This system ties all tracts of land to an initial point and identifies each as being in a particular township. A township is a square parcel of land six miles on each side. Its location is established as being so many six-mile units east or west of a north-south line (*principal meridian*) through the initial point and so many six-mile units north or south of an east-west line (*baseline*) through the point. The meridianal (longitudinal) lines parallel to, and east or west of, the principal meridian are called *range lines*. Latitudinal lines parallel to, and north or south of, the baseline are known as *township lines*. Each township is described with respect to the initial point by its distance (in numbers of six mile units) and direction from that point i.e., north or south and east or west.

Figure 5 presents the township and range system for California, and shows the three bases and meridians: i.e., the Humboldt (H), Mount Diablo (M) and San Bernardino (S). The figure also numbers the townships and ranges along the principal meridians and baselines, and shows the location of, for example, township 39N/13E M. The location of any township in the State can be found by extending the township and range lines as shown.

Every township is further divided into 36 equal parts called sections. A diagram of a typical township with the sections numbered from 1 to 36 is shown on Figure 5. The well numbering system is an extension of the public land survey system and involves dividing each section of land into sixteen 40-acre tracts with each tract given a letter (A through R) to identify it (Figure 5.) Sequence numbers in a tract are assigned in chronological order. A typical well number consists of 12 characters expressed as follows:



In the above example, this is the fourth well to be assigned a number in Tract J, Section 8 of the designated township.

Ground water measurement stations are listed in the tables by ascending areal code. The areal code is explained on page 2. Individual areal code numbers appear to the left of the areal names, and the data listed thereunder are in that areal code boundary. The number of ground water stations pre-

cludes plotting each individual well on maps in this publication. Instead, the location of the San Joaquin Valley ground water basin, the basin from which all the data in this appendix was obtained, is shown in Figure 6.

To facilitate station location, page 118 lists the name and areal code number for each hydrologic area in which measurements were taken. The location and definition of any hydrologic area may be determined by entering Figure 2, page 4, with the corresponding areal code. Page 118 also lists the page numbers for the tabulated data.

The dates shown in Table D are the dates when the depth measurements were made.

Some of the measurements in the "ground to water" column may be followed by a single digit in parenthesis, which indicates a questionable measurement. The meaning of these codes is as follows:

(0) Caved or deepened
(1) Pumping
(2) Nearby pump operating
(3) Casing leaking or wet
(4) Pumped recently
(5) Air or pressure gage measurement
(6) Other
(7) Recharge operation at or near well
(8) Oil in casing
(9) Acoustic sounder

When the letters "NM" followed by a digit in parenthesis appears in the column, it means a measurement was attempted but could not be obtained. The reason for no measurement is described by the digit listed below:

(0) Measurement Discontinued
(1) Pumping
(2) Pump house locked
(3) Tape hung up
(4) Cannot get tape in casing
(5) Unable to locate well
(6) Well has been destroyed
(7) Special
(8) Casing leaking or wet
(9) Temporarily inaccessible

The words "FLOW" and "DRY" also appear in this column to indicate a flowing or dry well, respectively. When a minus sign precedes the value, it indicates that the static water level in a flowing well is that distance in feet above the ground surface.

Elevations are given in feet at USGS mean sea level datum. Ground surface elevations are usually obtained by interpolation between contours of USGS topographic maps.

The final column is the code number for the agency supplying the data. Contributing agencies and their code numbers are:

3044 – Tule River Association
5001 – U. S. Bureau of Reclamation
5050 – California Department of Water Resources
5110 – San Joaquin County
5112 – Fresno County
5133 – Kern County Water Agency
5203 – Modesto, City
5515 – Central California Irrigation District
5521 – Modesto Irrigation District
5525 – Merced Irrigation District
5531 – San Luis Canal Company
5631 – Fresno Irrigation District
5646 – Westlands Water District
5649 – Wheeler Ridge—Maricopa Water Storage District
7123 – Cawelo Water District

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Areal Codes for Hydrologic Areas and Index to Data—Appendix D

Hydrologic Area*		Areal Code**	Data on page
San Joaquin	HB	B	
Delta-Mendota Canal	HU	B-06	
Patterson	HA	B-06.A	120
Los Banos	HA	B-06.B	122
San Joaquin Valley Floor	HU	B-08	
Manteca	HA	B-08.A	127
Valley Home	HA	B-08.B	128
Riverbank	HA	B-08.C	128
Warnersville	HA	B-08.D	130
Turlock	HA	B-08.E	130
Montpelier	HA	B-08.F	131
El Nido-Stevinson	HA	B-08.G	133
Merced	HA	B-08.H	135
Fahr Creek	HA	B-08.J	136
Gravelly Ford	HA	B-08.K	136
Madera	HA	B-08.L	138
Berenda Creek	HA	B-08.M	142
Stanislaus River	HU	B-09	
Middle Fork, Stanislaus	HA	B-09.E	144
Ahwahnee	HU	B-13	
Daulton	HA	B-13.B	144

Hydrologic Area*		Areal Code**	Data on page
Tulare Lake	HB	C	
South Valley Floor	HU	C-01	
Westlands	HA	C-01.A	145
Raisin	HA	C-01.B	151
Fresno	HA	C-01.C	153
Academy	HA	C-01.D	155
Orange Cove	HA	C-01.E	156
Alta	HA	C-01.F	157
Consolidated	HA	C-01.G	159
Lower Kings River	HA	C-01.H	160
Hanford-Lemoore	HA	C-01.J	162
Kaweah Delta	HA	C-01.K	164
Tule Delta	HA	C-01.L	174
Lake Sump	HA	C-01.M	181
South Tulare Lake	HA	C-01.N	181
Kettleman	HA	C-01.P	181
Antelope Plain	HA	C-01.Q	182
Semitropic	HA	C-01.R	183
North Kern	HA	C-01.T	186
Kern Uplands	HA	C-01.U	193
Kern Delta	HA	C-01.V	194
Taft	HA	C-01.W	198
Arvin-Wheeler Ridge	HA	C-01.X	198
Kings River	HU	C-03	
Humphreys Station	HA	C-03.A	203
Kaweah River	HU	C-04	
Yokohl Creek	HA	C-04.C	204
Southern Sierra	HU	C-05	
Tule River	HA	C-05.A	
Springville	HSA	C05.A1	204
Grapevine	HU	C-07	
San Emigdio	HA	C-07.C	205

*See page 2.
**See Figure 2.

NOTE: Measurements made in Basin 5-22 only.

Figure 6. LOCATION OF THE SAN JOAQUIN VALLEY GROUND WATER BASIN - MEASUREMENT

TABLE D

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB						
8-06 DELTA-MENDOTA CANAL HU						
8-06.A PATTERSON HA						
03S/06E-08N01	M	69.0	10/04/84	82.9(0)	-13.9	5001
			04/30/85	80.1	-11.1	
03S/06E-09J02	M		10/10/84	NM-5		5001
			05/01/85	NM-5		
03S/06E-15N01	M	74.0	10/05/84	69.9	4.1	5001
			04/30/85	NM-1		
03S/06E-17R02	M	84.0	10/04/84	8.8	75.2	5001
			04/30/85	7.9	76.1	
03S/06E-22H01	M	67.0	10/04/84	7.2	59.8	5001
			04/30/85	7.0	60.0	
03S/06E-23C01	M	65.0	10/11/84	54.2	10.8	5110
			03/12/85	33.2	31.8	
03S/06E-23J01	M		10/04/84	NM-5		5001
			04/30/85	NM-5		
03S/06E-26C01	M	72.4	10/04/84	55.6	16.8	5001
			04/30/85	80.6	-8.2	
03S/06E-27R01	M	114.0	10/04/84	29.2	84.8	5001
			05/01/85	30.0	84.0	
03S/06E-36N01	M	82.7	10/04/84	16.5	66.2	5001
			05/01/85	9.0	73.7	
04S/06E-02Q01	M	105.5	10/10/84	31.2	74.3	5001
			05/01/85	NM-2		
04S/06E-04H01	M	163.3	10/10/84	97.1	66.2	5001
			04/30/85	93.8	69.5	
04S/06E-04N01	M	193.0	10/10/84	135.9	57.1	5001
			04/30/85	145.7	47.3	
04S/06E-05A01	M	178.8	10/05/84	84.6	94.2	5001
			04/30/85	93.2	85.6	
04S/06E-05G01	M		10/05/84	NM-1		5001
			04/30/85	NM-1		
04S/06E-06A01	M	232.8	10/05/84	151.2	81.6	5001
			04/30/85	148.1	84.7	
04S/06E-08R01	M	215.5	10/10/84	155.8	59.7	5001
			05/01/85	155.1	60.4	
04S/06E-09R01	M	166.3	10/10/84	97.7	68.6	5001
			05/01/85	95.5	70.8	
04S/06E-10R01	M	130.3	10/10/84	42.7	87.6	5001
			05/01/85	43.4	86.9	
04S/06E-11N01	M	127.0	10/10/84	60.4	66.6	5001
			05/01/85	68.0	59.0	
04S/06E-12N01	M	97.0	10/11/84	15.8	81.2	5001
			05/01/85	18.0	79.0	
04S/06E-15R01	M	156.1	10/10/84	66.4	89.7	5001
			05/01/85	67.3	88.8	
04S/06E-21E01	M	337.7	10/11/84	242.8	94.9	5001
			05/03/85	244.4	93.3	
04S/06E-21G01	M	296.4	10/11/84	228.0	68.4	5001
			05/03/85	229.3	67.1	
04S/06E-24L01	M		10/10/84	NM-5		5001
			05/01/85	NM-5		
04S/06E-25C01	M	174.0	10/10/84	89.8	84.2	5001
			05/01/85	91.3	82.7	
04S/06E-25J01	M	180.0	10/10/84	91.4	88.6	5001
			05/01/85	92.2	87.8	
04S/06E-36C01	M	216.0	10/10/84	127.4	88.6	5001
			05/01/85	127.6	88.4	
04S/07E-06R01	M		10/04/84	DRY		5001
			05/01/85	DRY		
04S/07E-06J01	M	55.9	10/10/84	6.1	49.8	5001
			05/03/85	DRY		
04S/07E-06M02	M	67.5	10/10/84	16.2	51.3	5001
			05/03/85	NM-1		
04S/07E-07K01	M	66.0	10/10/84	11.0	55.0	5001
			05/03/85	9.5	56.5	
04S/07E-08P01	M	48.0	10/10/84	7.7	40.3	5001
			05/03/85	6.0	42.0	
04S/07E-16P01	M	54.2	10/10/84	9.1	45.1	5001
			05/03/85	4.2(6)	50.0	
04S/07E-19J02	M	114.0	10/10/84	38.9	75.1	5001
			05/01/85	40.4	73.6	
04S/07E-21H01	M	58.0	10/10/84	14.9	43.1	5001
			05/03/85	NM-1		
04S/07E-27M01	M	73.0	10/10/84	19.8	53.2	5001
04S/07E-27M01	M	73.0	05/03/85	20.4	52.6	5001
04S/07E-34K01	M	81.0	10/10/84	27.5	53.5	5001
			05/02/85	28.0	53.0	
04S/07E-34P01	M		10/04/84	DRY		5001
			05/01/85	DRY		
04S/07E-35Q01	M	62.5	10/11/84	23.5	39.0	5001
			05/03/85	20.8	41.7	
05S/07E-02E01	M	94.0	10/04/84	49.2	44.8	5001
			05/03/85	49.2	44.8	
05S/07E-02J01	M	86.0	10/11/84	40.2	45.8	5001
			05/03/85	39.9	46.1	
05S/07E-04B01	M	110.2	10/11/84	53.7	56.5	5001
			05/03/85	51.9	58.3	
05S/07E-05P01	M	195.0	10/11/84	137.7	57.3	5001
			05/03/85	136.4	58.6	
05S/07E-08K01	M	207.9	10/11/84	152.3	55.6	5001
			05/03/85	152.0	55.9	
05S/07E-09J01	M	148.4	10/11/84	88.7	59.7	5001
			05/03/85	87.0	61.4	
05S/07E-13K02	M	107.0	10/11/84	49.1	57.9	5001
			05/03/85	51.3	55.7	
05S/07E-14D01	M	130.4	10/11/84	71.9	58.5	5001
			05/03/85	71.6	58.8	
05S/07E-15G01	M	150.0	10/11/84	91.7	58.3	5001
			05/03/85	92.2	57.8	
05S/07E-23B01	M	128.6	10/11/84	73.2	55.4	5001
			05/03/85	72.5	56.1	
05S/07E-23F01	M	138.0	10/11/84	76.6	61.4	5001
			05/03/85	77.9	60.1	
05S/07E-24H01	M	99.0	10/11/84	37.4	61.6	5001
			05/03/85	38.7	60.3	
05S/07E-35G01	M	160.0	10/11/84	90.4	69.6	5001
			05/03/85	93.5	66.5	
05S/08E-06E01	M	70.8	10/11/84	27.9	42.9	5001
			05/03/85	28.7	42.1	
05S/08E-31E01	M	128.0	10/11/84	32.4	95.6	5001
			05/03/85	33.3	94.7	
05S/08E-32K01	M	90.9	10/11/84	8.8	82.1	5001
			05/03/85	8.7	82.2	
06S/07E-12R01	M	208.0	11/27/84	110.0	98.0	5050
			04/16/85	112.0(9)	96.0	
06S/08E-01J01	M	43.0	11/27/84	8.5	34.5	5050
			04/16/85	10.5	32.5	
06S/08E-07A02	M	152.0	11/27/84	62.0	90.0	5050
			04/16/85	63.0(1)	89.0	
06S/08E-10R01	M	82.5	10/20/84	7.9	74.6	5050
06S/08E-12H02	M		10/20/84	DRY		5050
06S/08E-12J01	M	62.0	11/27/84	18.0	44.0	5050
			04/16/85	17.5	44.5	
06S/08E-12L01	M	64.3	04/16/85	13.4	50.9	5050
06S/08E-12Q01	M	66.1	10/20/84	12.7	53.4	5050
06S/08E-14J01	M	77.6	10/20/84	12.7	64.9	5050
06S/08E-16A01	M	103.1	10/20/84	7.5	95.6	5050
06S/08E-16H01	M	109.0	11/27/84	21.7	87.3	5050
			04/16/85	20.7	88.3	
06S/08E-19H01	M	180.0	11/27/84	77.4	102.6	5050
			04/16/85	NM-1		
06S/08E-20D01	M	170.5	11/27/84	70.5	100.0	5050
			04/16/85	70.5	100.0	
06S/08E-21R01	M	133.5	11/27/84	41.0	92.5	5050
			04/16/85	42.0	91.5	
06S/08E-21R02	M	133.0	11/27/84	41.3	91.7	5050
			04/16/85	43.3	89.7	
06S/08E-22A01	M	96.9	04/16/85	19.6	77.3	5050
06S/08E-22DC2	M	115.0	11/27/84	19.4	95.6	5050
			04/16/85	18.4	96.6	
06S/08E-24H01	M	80.9	11/27/84	21.2	59.7	5050
			04/16/85	21.2	59.7	
06S/08E-25P01	M		10/20/84	DRY		5050
06S/08E-27Q01	M	113.7	10/20/84	16.0	97.7	5050

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB						
8-06 DELTA-MENDOTA CANAL HU						
8-06.A PATTERSON HA						
06S/08E-27J01	M	114.5	11/27/84	45.0	69.5	5050
			04/16/85	44.0	70.5	
06S/08E-27R02	M	107.4	10/20/84	17.8	89.6	5050
06S/08E-29E01	M	218.0	11/27/84	95.8	122.2	5050
			04/16/85	94.8	123.2	
06S/08E-29J01	M	190.0	11/27/84	83.0	107.0	5050
			04/16/85	83.0	107.0	
06S/08E-34M01	M	135.7	11/27/84	58.8	76.9	5050
			04/16/85	NM-1		
06S/08E-34R02	M	117.0	11/27/84	37.1	79.9	5050
			04/16/85	37.1	79.9	
06S/08E-35D01	M	103.0	03/06/85	37.5(5)	65.5	5515
06S/08E-36R01	M		10/20/84	DRY		5050
06S/09E-07M01	M		04/16/85	NM-7		5050
06S/09E-07P01	M		10/20/84	DRY		5050
06S/09E-18E02	M	75.0	11/27/84	26.0	49.0	5050
			04/16/85	25.0	50.0	
06S/09E-30J01	M		04/16/85	NM-7		5050
06S/09E-31B01	M	83.0	10/20/84	11.7	71.3	5050
07S/08E-01D01	M	105.0	03/06/85	31.5	73.5	5515
07S/08E-01D02	M		10/20/84	DRY		5050
07S/08E-02R01	M	106.8	10/20/84	14.6	92.2	5050
07S/08E-03A01	M		10/20/84	DRY		5050
07S/08E-03Q02	M	130.0	04/16/85	53.0	77.0	5050
07S/08E-04E01	M		04/16/85	NM-9		5050
07S/08E-09F01	M	156.0	04/16/85	75.0	81.0	5050
07S/08E-09G01	M	146.7	04/16/85	65.6	81.1	5050
07S/08E-11D03	M	130.4	10/20/84	13.6	116.8	5050
07S/08E-12D01	M	106.0	03/06/85	31.0	75.0	5515
			04/16/85	NM-1		5050
07S/08E-12F01	M	104.0	03/06/85	33.5(8)	70.5	5515
07S/08E-13D01	M	105.0	03/06/85	36.5(5)	68.5	5515
07S/08E-13E02	M	109.5	11/28/84	42.5	67.0	5050
			04/17/85	42.0	67.5	
07S/08E-13M01	M	107.0	03/06/85	32.0(8)	75.0	5515
07S/08E-13N02	M	107.0	03/06/85	31.5	75.5	5515
07S/08E-14A02	M		10/20/84	DRY		5050
07S/08E-14D01	M		10/20/84	DRY		5050
07S/08E-14E01	M		04/17/85	NM-9		5050
07S/08E-16A01	M	154.0	11/28/84	83.0	71.0	5050
			04/17/85	82.0	72.0	
07S/08E-19N01	M	91.4	10/20/84	13.8	77.6	5050
07S/08E-22L02	M	127.9	04/17/85	59.9	68.0	5050
07S/08E-23C02	M	113.7	11/28/84	52.0	61.7	5050
			04/17/85	NM-1		
07S/08E-23R01	M	106.0	03/06/85	28.5	77.5	5515
07S/08E-24D01	M		10/20/84	DRY		5050
07S/08E-26A01	M		10/20/84	DRY		5050
07S/08E-35E01	M	122.0	11/28/84	29.5	92.5	5050
			04/17/85	NM-1		
07S/08E-36D01	M	105.2	10/20/84	11.0	94.2	5050
07S/09E-04R03	M	65.0	11/28/84	12.2	52.8	5050
			04/17/85	13.0	52.0	
8-06.B LOS BANOS HA						
06S/08E-13Q02	M	73.6	10/20/84	11.9	61.7	5050
06S/08E-14N01	M	94.8	10/20/84	7.2	87.6	5050
06S/08E-21A02	M	114.7	10/20/84	9.3	105.4	5050
06S/08E-23R01	M	88.4	10/20/84	14.8	73.6	5050
06S/08E-24P01	M		10/20/84	DRY		5050
06S/09E-17N01	M		10/20/84	DRY		5050
06S/09E-19N01	M	71.7	10/20/84	10.7	61.0	5050
06S/09E-30A01	M	75.0	10/20/84	6.3	68.7	5050
07S/08E-12P01	M	103.0	03/06/85	30.0(8)	73.0	5515
07S/08E-25C02	M	99.0	11/28/84	15.5	83.5	5050
			04/17/85	16.5	82.5	
07S/08E-35H01	M	110.0	11/28/84	10.0	100.0	5050
			04/17/85	10.5	99.5	
07S/08E-36EC1	M		04/17/85	NM-7		5050
07S/09E-05F01	M		04/17/85	NM-5		5050
07S/09E-08G02	M	74.0	11/28/84	8.0	66.0	5050
			04/17/85	9.0	65.0	
07S/09E-20P01	M	78.6	10/20/84	1.1	77.5	5050
07S/09E-20R01	M	73.4	10/20/84	12.4	61.0	5050
07S/09E-21N01	M	73.0	11/28/84	12.0	61.0	5050
			04/17/85	13.0	60.0	
07S/09E-28N01	M	80.0	11/28/84	8.5	71.5	5050
			04/17/85	NM-1		
07S/09E-28P01	M	80.0	11/28/84	9.5	70.5	5050
			04/17/85	9.0	71.0	
07S/09E-28R01	M	73.2	10/20/84	1.8	71.4	5050
07S/09E-29NC2	M	85.0	10/20/84	8.2	76.8	5050
07S/09E-29R01	M	82.5	10/20/84	6.3	76.2	5050
07S/09E-31D01	M	94.3	10/20/84	5.0	89.3	5050
07S/09E-31NC1	M	107.0	10/20/84	10.5	96.5	5050
07S/09E-36P01	M		04/17/85	NM-9		5050
07S/10E-18L01	M	70.0	10/16/84	8.0	62.0	5050
			12/12/84	8.0	62.0	
07S/10E-19G01	M	70.0	10/15/84	8.5	61.5	5050
			12/12/84	8.0	62.0	
08S/08E-01N02	M	125.1	10/20/84	11.0	114.1	5050
08S/08E-12A01	M		04/17/85	NM-7		5050
08S/08E-12NC1	M	140.5	10/20/84	14.4	126.1	5050
08S/08E-15G01	M		04/17/85	NM-7		5050
08S/08E-15J01	M	172.8	11/28/84	29.0	143.8	5050
			04/17/85	NM-4		
08S/08E-15K01	M	177.0	11/28/84	22.5	154.5	5050
			04/17/85	29.5	148.5	
08S/08E-23D02	M	160.0	11/28/84	24.5	135.5	5050
			04/17/85	NM-1		
08S/08E-25A01	M	131.5	11/28/84	11.4	120.1	5050
			04/17/85	16.4	115.1	
08S/08E-25A02	M	127.0	10/20/84	12.8	114.2	5050
08S/08E-25N01	M	130.0	10/20/84	5.4	124.6	5050
08S/08E-35RC2	M	138.2	10/20/84	6.8	131.4	5050
08S/09E-04D01	M	87.0	10/20/84	7.0	80.0	5050
08S/09E-04G01	M	88.0	11/28/84	9.5	78.5	5050
			04/17/85	11.0	77.0	
08S/09E-04NC1	M	94.3	10/20/84	10.7	83.6	5050
08S/09E-04P01	M	90.0	11/28/84	8.0	82.0	5050
			04/17/85	9.0	81.0	
08S/09E-05H01	M	90.0	11/28/84	8.0	82.0	5050
			04/17/85	10.0	80.0	
08S/09E-06A01	M	96.0	10/20/84	7.1	88.9	5050
08S/09E-06NC1	M	111.7	10/20/84	8.6	103.1	5050
08S/09E-06R01	M	104.4	10/20/84	9.1	95.3	5050
08S/09E-07N01	M	125.5	10/20/84	15.0	110.5	5050
08S/09E-07P01	M	109.8	10/20/84	9.2	100.6	5050
08S/09E-08E01	M	105.0	11/28/84	8.5	96.5	5050
			04/17/85	10.0	95.0	
08S/09E-09A02	M	82.0	11/28/84	7.0	75.0	5050
			04/17/85	NM-7		
08S/09E-09A03	M	79.0	10/20/84	4.6	74.4	5050
08S/09E-10E01	M	79.5	04/18/85	4.8	74.7	5050
08S/09E-11C01	M	71.6	12/06/84	2.1	69.5	5050
			04/18/85	4.6	67.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB						
8-06 DELTA-MENDOTA CANAL HU						
8-06.8 LOS BANOS HA						
08S/09E-11H01	M		04/18/85	NM-2		5050
08S/09E-13E01	M	75.0	12/06/84	1.3	73.7	5050
			04/18/85	3.2	71.8	
08S/09E-14R01	M	75.0	11/28/84	2.0	73.0	5050
			04/18/85	3.5	71.5	
08S/09E-15D01	M	84.0	10/20/84	3.5	80.5	5050
08S/09E-15R01	M	75.4	10/20/84	1.6	73.8	5050
08S/09E-16N01	M	100.5	10/20/84	9.8	90.7	5050
08S/09E-18N01	M	127.0	10/20/84	13.3	113.7	5050
08S/09E-18R01	M	100.0	10/20/84	8.8	91.2	5050
08S/09E-21A01	M	87.4	11/28/84	4.4	83.0	5050
			04/18/85	NM-7		
08S/09E-21A02	M	85.0	10/20/84	4.8	80.2	5050
08S/09E-21N01	M	100.0	11/28/84	9.0	91.0	5050
			04/18/85	10.0	90.0	
08S/09E-21N02	M	98.6	10/20/84	9.4	89.2	5050
08S/09E-22M01	M	84.4	11/28/84	5.3	79.1	5050
			04/18/85	5.6	78.8	
08S/09E-22N03	M	85.6	10/20/84	6.1	79.5	5050
08S/09E-26H01	M	75.0	12/06/84	3.4	71.6	5050
			04/18/85	NM-7		
08S/09E-26H02	M	75.0	12/06/84	1.1	73.9	5050
			04/18/85	NM-7		
08S/09E-26N03	M	75.0	12/06/84	1.0	74.0	5050
			04/18/85	3.0	72.0	
08S/09E-27Q02	M	84.0	10/20/84	3.3	80.7	5050
08S/09E-30N02	M	123.0	10/20/84	10.9	112.1	5050
08S/09E-30R03	M	100.8	10/20/84	6.7	94.1	5050
08S/09E-31P01	M	130.0	12/06/84	44.0	86.0	5050
			04/18/85	44.0	86.0	
08S/09E-31P02	M	130.0	12/06/84	33.0	97.0	5050
			04/18/85	34.0	96.0	
08S/09E-32N01	M	119.9	10/20/84	9.5	110.4	5050
08S/09E-33A01	M	90.0	10/20/84	3.4	86.6	5050
08S/09E-33N01	M	102.2	10/20/84	4.2	98.0	5050
08S/09E-34P01	M	90.0	10/20/84	2.2	87.8	5050
08S/09E-36L01	M	77.0	12/06/84	1.0	76.0	5050
			04/18/85	NM-9		
08S/09E-36L02	M	77.0	12/06/84	1.5	75.5	5050
			04/18/85	NM-9		
08S/10E-17N02	M	75.0	11/28/84	.5	74.5	5050
08S/10E-21L01	M		04/18/85	NM-7		5050
08S/10E-21L02	M		04/18/85	NM-7		5050
08S/10E-21L03	M		04/18/85	NM-7		5050
08S/10E-21L04	M		04/18/85	NM-7		5050
08S/10E-29D01	M	74.0	12/06/84	2.5	71.5	5050
			04/18/85	3.5	70.5	
08S/10E-30E01	M	77.0	12/06/84	1.6	75.4	5050
			04/18/85	2.5	74.5	
08S/10E-35K01	M	82.6	12/06/84	3.3	79.3	5050
09S/08E-01A01	M	135.0	10/20/84	14.9	120.1	5050
09S/08E-01D01	M	141.6	11/28/84	9.2	132.4	5050
			04/17/85	7.2	134.4	
09S/08E-12H01	M	162.5	11/28/84	38.0	124.5	5050
			04/17/85	37.0	125.5	
09S/08E-24A01	M	157.0	11/28/84	16.0	141.0	5050
			04/17/85	13.0	144.0	
09S/09E-03C01	M	88.5	11/28/84	26.5	62.0	5050
			04/17/85	NM-1		
09S/09E-03N01	M	93.0	10/20/84	6.3	86.7	5050
09S/09E-03Q01	M	86.0	10/20/84	1.2	84.8	5050
09S/09E-05R01	M	112.0	03/06/85	4.5	107.5	5515
09S/09E-06D02	M	139.8	11/28/84	16.0	123.8	5050
			04/17/85	15.0	124.8	
8 SAN JOAQUIN HB						
8-06 DELTA-MENDOTA CANAL HU						
8-06.8 LOS BANOS HA						
09S/09E-06R02	M	132.0	11/28/84	14.0	118.0	5050
			04/17/85	19.0	113.0	
09S/09E-07J01	M	135.0	11/28/84	17.5	117.5	5050
			04/17/85	20.5	114.5	
09S/09E-08D01	M	129.2	10/20/84	13.4	115.8	5050
09S/09E-08N01	M	130.7	10/20/84	10.7	120.0	5050
09S/09E-09D01	M	105.0	10/20/84	5.4	99.6	5050
09S/09E-09G01	M		04/17/85	NM-9		5050
09S/09E-09N01	M	110.0	10/20/84	1.9	108.1	5050
09S/09E-10N01	M	95.0	10/20/84	3.0	92.0	5050
09S/09E-10P01	M	90.4	10/20/84	1.8	88.6	5050
09S/09E-14N01	M		04/17/85	NM-9		5050
09S/09E-16B01	M	103.0	11/28/84	3.8	99.2	5050
			04/17/85	4.2	98.8	
09S/09E-18N01	M	153.6	11/28/84	23.2	130.4	5050
			04/17/85	20.2	133.4	
09S/09E-20A01	M	114.5	10/20/84	4.2	110.3	5050
09S/09E-20D01	M	135.0	10/20/84	8.1	126.9	5050
09S/09E-21F01	M	113.0	03/06/85	.0	113.0	5515
			04/17/85	NM-1		5050
09S/09E-23L01	M	100.0	12/06/84	10.4	89.6	5050
			04/18/85	8.4	91.6	
09S/09E-23L02	M	100.0	12/06/84	4.0	96.0	5050
			04/18/85	6.0	94.0	
09S/09E-23L03	M	100.0	12/06/84	3.4	96.6	5050
			04/18/85	4.4	95.6	
09S/09E-24A01	M	85.2	04/17/85	.2	85.0	5050
09S/09E-26B01	M	97.0	11/28/84	8.1	88.9	5050
			04/17/85	6.5	90.5	
09S/09E-28Q01	M	119.9	11/28/84	6.2	113.7	5050
			04/17/85	5.2	114.7	
09S/09E-30J01	M	148.0	11/28/84	10.7	137.3	5050
			04/17/85	8.7	139.3	
09S/09E-31A01	M	149.0	11/28/84	14.5	134.5	5050
			04/17/85	15.5	133.5	
09S/09E-33P02	M		10/17/84	DRY		5050
09S/09E-34N01	M	113.4	10/17/84	12.6	100.8	5050
09S/09E-36E01	M	95.0	12/06/84	3.0	92.0	5050
			04/17/85	2.0	93.0	
09S/10E-09R01	M		04/17/85	NM-9		5050
09S/10E-16F01	M	82.8	11/28/84	1.5	81.3	5050
			04/17/85	1.7	81.1	
09S/10E-23J01	M	87.0	11/28/84	37.5	49.5	5050
			04/17/85	29.5	57.5	
09S/10E-29P01	M	94.1	10/17/84	3.2	90.9	5050
09S/10E-31R01	M	100.7	10/17/84	3.2	97.5	5050
09S/10E-33D01	M	93.0	10/17/84	4.5	88.5	5050
09S/10E-33P01	M	101.0	10/17/84	6.4	94.6	5050
09S/10E-34R01	M	97.0	12/06/84	9.8	87.2	5050
			04/17/85	17.8	79.2	
09S/10E-36N02	M	94.9	12/06/84	9.5	85.4	5050
			04/17/85	13.5	81.4	
09S/10E-36R02	M	90.0	11/28/84	5.0	85.0	5050
			04/17/85	NM-5		
09S/11E-25H01	M	95.0	11/01/84	6.0	89.0	5531
09S/11E-25J01	M	95.0	11/01/84	8.0	87.0	5531
09S/11E-26P02	M	95.0	12/06/84	8.0	87.0	5050
			04/17/85	8.0	87.0	
09S/11E-32H01	M	87.5	12/06/84	7.2	80.3	5050
			04/17/85	5.8	81.7	
09S/11E-34P01	M	95.0	11/02/84	10.0	85.0	5531
09S/12E-17M01	M	90.0	10/23/84	4.0	86.0	5050
			12/13/84	8.0	82.0	
09S/12E-21J01	M	100.0	11/05/84	9.0	91.0	5531
09S/12E-24A01	M	101.0	10/23/84	6.5	94.5	5050
			12/13/84	4.5	96.5	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB 8-06 DELTA-MENDOTA CANAL HU 8-06.8 LOS BANOS HA						
09S/12E-31Q01	M	98.0	04/17/85	7.5	90.5	5050
09S/12E-32N01	M	98.0	11/02/84	8.0	90.0	5531
09S/12E-34J01	M	102.0	11/06/84	9.0	93.0	5531
10S/09E-01B01	M	100.0	11/28/84	3.4	96.6	5050
			04/16/85	6.4	93.6	
10S/09E-01R01	M	108.0	11/28/84	4.7	103.3	5050
			04/16/85	4.8	103.2	
10S/09E-04F01	M	131.9	11/28/84	16.5	115.4	5050
			04/16/85	19.0	112.9	
10S/09E-04P01	M		10/17/84	DRY		5050
10S/09E-10B01	M	113.8	10/17/84	4.0	109.8	5050
10S/09E-10E01	M	144.1	10/17/84	6.7	137.4	5050
10S/09E-10H02	M	121.0	11/28/84	13.4	107.6	5050
			04/16/85	12.4	108.6	
10S/09E-11N01	M		10/17/84	DRY		5050
10S/09E-11R01	M	114.1	10/17/84	4.5	109.6	5050
10S/09E-12J01	M	115.8	10/17/84	7.7	108.1	5050
10S/09E-14H01	M	141.2	11/28/84	25.4	115.8	5050
			04/16/85	11.2(0)	130.0	
10S/09E-24C01	M	132.8	11/28/84	9.5	123.3	5050
			04/16/85	7.5	125.3	
10S/10E-02A01	M		10/17/84	DRY		5050
10S/10E-02R02	M		10/17/84	DRY		5050
10S/10E-03C02	M	97.1	10/17/84	7.6	89.5	5050
10S/10E-04Q01	M	105.0	10/17/84	7.9	97.1	5050
10S/10E-05P01	M	111.0	11/28/84	9.0	102.0	5050
			04/17/85	6.0	105.0	
10S/10E-06J01	M	105.0	10/17/84	6.0	99.0	5050
10S/10E-06N01	M	108.8	10/17/84	5.3	103.5	5050
10S/10E-07Q01	M	118.4	11/28/84	5.0	113.4	5050
			04/17/85	7.5	110.9	
10S/10E-08A03	M	110.5	10/17/84	4.4	106.1	5050
10S/10E-10D01	M	107.8	10/17/84	7.6	100.2	5050
10S/10E-10N01	M	115.0	10/17/84	6.3	108.7	5050
10S/10E-10Q01	M	108.7	10/17/84	7.6	101.1	5050
10S/10E-11D02	M		10/17/84	DRY		5050
10S/10E-11Q01	M	108.0	11/28/84	19.0	89.0	5050
			04/17/85	22.0	86.0	
10S/10E-12Q01	M	103.5	11/28/84	12.5	91.0	5050
			04/17/85	NM-1		
10S/10E-13D03	M	106.2	10/17/84	12.1	94.1	5050
10S/10E-16G01	M	120.5	10/17/84	6.9	113.6	5050
10S/10E-17L01	M	125.0	10/17/84	5.5	119.5	5050
10S/10E-18G01	M	125.0	10/17/84	9.7	115.3	5050
10S/10E-18N02	M	122.9	10/17/84	3.1	119.8	5050
10S/10E-19B01	M	130.4	10/17/84	6.0	124.4	5050
10S/10E-19N01	M		10/17/84	DRY		5050
10S/10E-19R01	M	138.2	11/27/84	7.0	131.2	5050
			04/16/85	5.4	132.8	
10S/10E-22H02	M	120.0	10/17/84	11.7	108.3	5050
10S/10E-22N01	M	133.0	11/27/84	6.8	126.2	5050
			04/16/85	3.8	129.2	
10S/10E-24C01	M	111.0	10/17/84	14.4	96.6	5050
10S/10E-25D01	M	118.2	10/17/84	6.4	111.8	5050
10S/10E-25H01	M	115.0	10/17/84	4.1	110.9	5050
10S/10E-25J02	M	115.5	10/17/84	6.4	109.1	5050
10S/10E-25N01	M	122.4	10/17/84	5.8	116.6	5050
10S/10E-26D01	M	127.0	10/17/84	7.6	119.4	5050
10S/10E-26N01	M	135.0	10/17/84	8.7	126.3	5050
10S/10E-28A02	M		10/17/84	NM-6		5050
10S/10E-28D02	M		10/17/84	DRY		5050

STATE WELL NUMBER		CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB 8-06 DELTA-MENDOTA CANAL HU 8-06.8 LOS BANOS HA							
10S/10E-28R01	M			10/17/84	DRY		5050
10S/10E-29A01	M		146.0	04/16/85	20.3	125.7	5050
10S/10E-29D01	M			10/17/84	DRY		5050
10S/10E-30D01	M		152.8	11/27/84	22.9	129.9	5050
				04/16/85	26.9	125.9	
10S/10E-32N01	M		189.5	11/27/84	109.0	80.5	5050
				04/16/85	108.0(9)	81.5	
10S/10E-36B01	M		120.0	03/05/85	13.5(5)	106.5	5515
10S/10E-36D01	M		123.5	11/27/84	7.0	116.5	5050
				04/16/85	5.0	118.5	
10S/11E-03J01	M		95.0	12/06/84	7.0	88.0	5050
				04/18/85	9.0	86.0	
10S/11E-06P01	M		96.0	04/18/85	9.5	86.5	5050
10S/11E-12J02	M		100.0	04/18/85	9.0	91.0	5050
10S/11E-13H01	M		100.5	11/05/84	9.0	91.5	5531
10S/11E-27E02	M			04/18/85	NM-9		5050
10S/11E-29E03	M		105.0	10/17/84	3.4	101.6	5050
10S/11E-30C01	M		112.0	11/27/84	12.0	100.0	5050
				04/16/85	13.0	99.0	
10S/11E-31F01	M		110.1	11/27/84	3.7	106.4	5050
				04/16/85	1.5	108.6	
10S/11E-31K01	M		108.0	10/17/84	5.0	103.0	5050
10S/11E-32N01	M		104.0	11/27/84	3.9	102.1	5050
				04/16/85	3.6	102.4	
10S/11E-36A01	M		103.6	10/17/84	7.2	96.4	5050
10S/12E-01A01	M		105.0	10/20/84	5.9	99.1	5050
10S/12E-01P02	M		106.0	11/06/84	8.0	98.0	5531
10S/12E-03R01	M		105.0	11/06/84	10.0	95.0	5531
10S/12E-06F02	M		95.5	11/05/84	9.0	86.5	5531
10S/12E-08A01	M		105.0	11/05/84	10.0	95.0	5531
10S/12E-08F01	M		102.0	11/05/84	11.0	91.0	5531
10S/12E-09P01	M		105.0	11/05/84	8.0	97.0	5531
10S/12E-12R01	M		110.0	10/20/84	6.7	103.3	5050
10S/12E-13L01	M		110.0	11/06/84	6.0	104.0	5531
10S/12E-13R01	M		113.0	10/20/84	9.3	103.7	5050
10S/12E-14N01	M		105.0	11/06/84	10.0	95.0	5531
10S/12E-15K01	M		107.0	11/06/84	9.0	98.0	5531
10S/12E-16Q01	M			11/06/84	NM-4		5531
			105.5	12/06/84	11.0	94.5	5050
				04/18/85	9.0	96.5	
10S/12E-17F01	M		101.0	12/06/84	8.0	93.0	5050
				04/18/85	6.5	94.5	
10S/12E-17J01	M		104.0	11/05/84	8.0	96.0	5531
10S/12E-17M01	M		102.5	11/05/84	8.0	94.5	5531
				12/06/84	7.0	95.5	5050
				04/18/85	8.0	94.5	
10S/12E-20N01	M		103.4	10/17/84	4.8	98.6	5050
10S/12E-21N01	M		106.3	10/17/84	5.4	100.9	5050
10S/12E-22M01	M			11/05/84	NM-4		5531
10S/12E-23N01	M		108.0	10/17/84	6.1	101.9	5050
10S/12E-23R01	M		109.3	10/17/84	5.5	103.8	5050
10S/12E-25N01	M		110.0	10/17/84	5.6	104.4	5050
10S/12E-26E01	M		110.0	11/06/84	8.0	102.0	5531
10S/12E-26M01	M		110.0	11/06/84	7.0	103.0	5531
10S/12E-27A01	M		109.0	11/06/84	7.5	101.5	5531
10S/12E-27J01	M		107.0	03/05/85	5.5	101.5	5515
10S/12E-28A02	M		106.6	10/17/84	3.9	102.7	5050
10S/12E-28N02	M		105.4	10/17/84	5.1	100.3	5050
10S/12E-34A01	M		109.6	10/17/84	5.7	103.9	5050
10S/12E-34D01	M		107.0	10/17/84	5.3	101.7	5050
10S/12E-35K01	M		110.0	03/05/85	1.5	108.5	5515

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
B		SAN JOAQUIN HB				
B-06		DELTA-MENDOTA CANAL HU				
B-06.8		LOS BANOS HA				
10S/12E-36R02	M	113.1	10/17/84	6.0	107.1	5050
10S/13E-05J01	M	110.0	10/01/84	7.9	102.1	5001
			02/05/85	11.1	98.9	
10S/13E-07A01	M	110.0	10/20/84	6.1	103.9	5050
10S/13E-07D01	M	108.3	10/20/84	5.3	103.0	5050
10S/13E-09K01	M	115.0	10/01/84	7.7	107.3	5001
			02/05/85	10.0	105.0	
10S/13E-19A01	M	112.0	10/20/84	4.3	107.7	5050
10S/13E-20N01	M	114.2	10/17/84	6.2	108.0	5050
10S/13E-22F02	M	118.0	10/02/84	17.9	100.1	5001
			02/05/85	14.1	103.9	
10S/13E-22N02	M	116.7	10/17/84	8.7	108.0	5050
10S/13E-28D02	M	116.6	10/17/84	5.2	111.4	5050
10S/13E-28R01	M	120.0	03/14/85	9.0(5)	111.0	5515
10S/13E-30D02	M	111.0	10/17/84	5.4	105.6	5050
10S/13E-30R01	M	112.1	10/17/84	6.3	105.8	5050
10S/13E-31D01	M	111.8	10/17/84	5.2	106.6	5050
10S/13E-32A02	M	114.3	10/17/84	4.9	109.4	5050
10S/13E-33A01	M	118.6	10/17/84	9.9	108.7	5050
10S/13E-34G01	M	121.0	10/02/84	12.4	108.6	5001
			02/05/85	11.5	109.5	
10S/13E-34N01	M	118.0	10/17/84	8.4	109.6	5050
11S/10E-01D01	M	127.0	10/17/84	7.8	119.2	5050
11S/10E-01E01	M	130.0	11/27/84	1.3	128.7	5050
			04/16/85	1.3	128.7	
11S/10E-01N02	M	138.9	10/17/84	5.3	133.6	5050
11S/10E-01Q01	M	135.0	10/17/84	5.1	129.9	5050
11S/10E-02D02	M	136.0	10/17/84	7.8	128.2	5050
11S/10E-02N03	M		10/17/84	DRY		5050
11S/10E-03D01	M		10/17/84	DRY		5050
11S/10E-04R01	M	172.8	11/27/84	47.9	124.9	5050
			04/16/85	50.9	121.9	
11S/10E-11N01	M		10/17/84	DRY		5050
11S/10E-12M01	M		10/17/84	NM-6		5050
11S/10E-12N01	M	157.6	10/17/84	12.1	145.5	5050
11S/10E-13L02	M	155.4	10/17/84	10.1	145.3	5050
11S/10E-14N01	M	212.9	11/27/84	59.1(9)	153.8	5050
			04/16/85	60.1(9)	152.8	
11S/10E-22Q01	M	246.8	11/27/84	98.0(9)	148.8	5050
			04/16/85	97.0(9)	149.8	
11S/10E-23D01	M		10/17/84	DRY		5050
11S/10E-24N01	M	190.4	11/27/84	32.4	158.0	5050
			04/16/85	33.9	156.5	
11S/10E-25D01	M		10/17/84	DRY		5050
11S/10E-36D02	M		10/17/84	DRY		5050
11S/11E-01M01	M	106.0	11/27/84	-.5	106.5	5050
			04/16/85	-.5	106.5	
11S/11E-02J01	M		04/16/85	NM-9		5050
11S/11E-02J02	M		04/16/85	NM-9		5050
11S/11E-04N01	M	105.0	11/27/84	2.0	103.0	5050
			04/16/85	NM-9		
11S/11E-06B01	M	113.0	10/17/84	4.7	108.3	5050
11S/11E-06R01	M	110.0	10/17/84	2.0	108.0	5050
11S/11E-07E01	M	124.6	11/27/84	6.2	118.6	5050
			04/16/85	4.6	120.2	
11S/11E-17E01	M	122.9	11/27/84	3.1	119.8	5050
			04/16/85	2.4	120.5	
11S/11E-18D01	M	130.0	10/17/84	7.7	122.3	5050
11S/11E-18P01	M	140.4	10/17/84	6.2	134.2	5050
11S/11E-19B01	M	138.0	11/27/84	10.0	128.0	5050
			04/16/85	8.0	130.0	
11S/11E-19Q02	M	140.6	10/17/84	4.1	136.5	5050

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
B		SAN JOAQUIN HB				
B-06		DELTA-MENDOTA CANAL HU				
B-06.8		LOS BANOS HA				
11S/11E-23A01	M		04/16/85	NM-9		5050
11S/11E-23A02	M		04/16/85	NM-9		5050
11S/11E-30D01	M	160.0	10/17/84	11.7	148.3	5050
11S/11E-30G02	M		10/17/84	NM-6		5050
11S/11E-31E02	M		10/17/84	DRY		5050
11S/11E-31N01	M		10/17/84	DRY		5050
11S/11E-32D01	M	147.1	10/17/84	6.1	141.0	5050
11S/12E-02A01	M	112.8	10/17/84	6.7	106.1	5050
11S/12E-02D01	M	109.0	10/17/84	3.8	105.2	5050
11S/12E-03D03	M	106.4	10/17/84	3.5	102.9	5050
11S/12E-04D01	M	109.2	10/17/84	5.2	104.0	5050
11S/12E-04P02	M	112.0	11/27/84	5.0	107.0	5050
			04/16/85	1.0	111.0	
11S/12E-05D01	M	105.9	10/17/84	6.2	99.7	5050
11S/12E-06D01	M	104.9	10/17/84	5.9	99.0	5050
11S/12E-07E02	M	108.6	11/27/84	.6	108.0	5050
			04/16/85	.6	108.0	
11S/12E-08C01	M	108.3	10/17/84	3.8	104.5	5050
11S/12E-08P01	M	111.0	11/27/84	2.9	108.1	5050
			04/16/85	3.0	108.0	
11S/12E-08P02	M	109.7	10/17/84	4.2	105.5	5050
11S/12E-10A01	M	113.7	10/17/84	6.3	107.4	5050
11S/12E-10D01	M	111.8	10/17/84	5.4	106.4	5050
11S/12E-10N01	M	112.4	10/17/84	6.5	105.9	5050
11S/12E-11A02	M	113.5	10/17/84	5.9	107.7	5050
11S/12E-12A01	M	117.0	10/17/84	6.1	110.9	5050
11S/12E-12R01	M	115.3	10/17/84	4.9	110.4	5050
11S/12E-13D02	M	114.2	10/17/84	5.9	108.3	5050
11S/12E-15A01	M	118.2	10/17/84	9.5	108.7	5050
11S/12E-16E01	M	111.0	11/27/84	5.0	106.0	5050
			04/16/85	5.0	106.0	
11S/12E-21A01	M	112.8	10/17/84	3.3	109.5	5050
11S/12E-22N02	M	118.0	10/20/84	3.7	114.3	5050
11S/12E-23D01	M	113.3	10/17/84	5.1	108.2	5050
11S/12E-23P02	M	118.0	10/17/84	6.5	111.5	5050
11S/12E-23R01	M	120.5	10/17/84	6.1	114.4	5050
11S/12E-24A01	M	116.8	10/17/84	4.8	112.0	5050
11S/12E-24D02	M	117.0	10/17/84	5.4	111.6	5050
11S/12E-25R01	M	121.1	10/17/84	7.5	113.6	5050
11S/12E-28R02	M	122.0	10/20/84	3.4	118.6	5050
11S/12E-32L01	M	136.0	11/27/84	13.3	122.7	5050
			04/16/85	13.5	122.5	
11S/12E-34N02	M	128.7	10/20/84	5.0	123.7	5050
11S/12E-34R01	M	130.0	10/20/84	5.0	125.0	5050
11S/13E-01Q01	M	124.0	10/02/84	7.7	116.3	5001
			02/11/85	NM-9		
			09/30/85	NM-4		
11S/13E-02D01	M	120.0	10/17/84	9.9	110.1	5050
11S/13E-03N01	M	120.0	10/17/84	4.0	116.0	5050
11S/13E-04D01	M	114.0	10/17/84	5.9	108.1	5050
11S/13E-05M01	M	116.8	10/17/84	6.4	110.4	5050
11S/13E-08D02	M	117.1	10/17/84	5.7	111.4	5050
11S/13E-08N01	M	119.4	10/17/84	6.1	113.3	5050
11S/13E-09D01	M	117.6	10/17/84	.5	117.1	5050
11S/13E-11D03	M	121.7	10/17/84	5.3	116.4	5050
11S/13E-13R02	M	130.0	10/20/84	5.3	124.7	5050
11S/13E-14A01	M	124.2	10/17/84	4.6	119.6	5050
11S/13E-14D01	M	121.6	10/17/84	3.7	117.9	5050

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB 8-06 DELTA-MENDOTA CANAL HU 8-06.8 LOS BANOS HA						
11S/13E-16A02	M	120.1	10/17/84	5.9	114.2	5050
11S/13E-16D02	M	120.0	03/05/85	4.5	115.5	5515
11S/13E-17A01	M	119.1	10/17/84	6.0	113.1	5050
11S/13E-17E01	M	120.0	03/05/85	5.0	115.0	5515
11S/13E-17L01	M	120.0	03/05/85	6.0	114.0	5515
11S/13E-17N02	M	117.8	10/17/84	3.5	114.3	5050
11S/13E-17R01	M	122.0	03/05/85	8.0	114.0	5515
11S/13E-20N01	M	114.2	10/17/84	6.1	108.1	5050
11S/13E-21A01	M	121.1	10/17/84	3.7	117.4	5050
11S/13E-21D01	M	119.4	10/17/84	6.8	112.6	5050
11S/13E-21M01	M	120.0	03/05/85	8.0	112.0	5515
11S/13E-22N01	M	123.5	10/17/84	5.5	118.0	5050
11S/13E-23A01	M	126.8	10/17/84	6.4	120.4	5050
11S/13E-23D01	M	123.2	10/17/84	5.3	117.9	5050
11S/13E-23M01	M	125.0	03/13/85	7.5	117.5	5515
11S/13E-23R01	M	127.7	10/17/84	13.9	113.8	5050
11S/13E-25A01	M	130.0	10/20/84	8.2	121.8	5050
11S/13E-25N01	M	129.0	10/17/84	9.9	119.1	5050
11S/13E-26D02	M	123.4	10/17/84	5.5	117.9	5050
11S/13E-26F01	M	125.0	03/13/85	7.0	118.0	5515
11S/13E-27R02	M	125.0	10/17/84	7.8	117.2	5050
11S/13E-28R01	M	125.0	03/05/85	10.0	115.0	5515
11S/13E-28R02	M	124.7	10/17/84	8.0	116.7	5050
11S/13E-29R01	M	125.0	10/17/84	8.3	116.7	5050
11S/13E-30D01	M	119.5	10/17/84	3.5	116.0	5050
11S/13E-30D02	M	124.2	10/20/84	7.0	117.2	5050
11S/13E-31J01	M	127.0	10/20/84	4.8	122.2	5050
11S/13E-33R02	M	128.6	10/20/84	8.2	120.4	5050
11S/13E-34C01	M	125.0	03/05/85	6.0(8)	119.0	5515
11S/13E-34E01	M	125.0	03/05/85	5.0	120.0	5515
11S/13E-34J02	M	128.1	10/20/84	7.2	120.9	5050
11S/13E-35G02	M	128.0	03/13/85	12.0(5)	116.0	5515
11S/13E-35J01	M	128.0	03/13/85	16.0(8)	112.0	5515
11S/13E-36G01	M	135.0	03/13/85	5.0	130.0	5515
11S/13E-36M02	M	127.0	10/20/84	5.3	121.7	5050
11S/13E-36Q01	M	135.0	03/13/85	8.5(5)	126.5	5515
11S/13E-36R01	M	133.0	10/20/84	6.2	126.8	5050
11S/14E-31D01	M	132.0	10/20/84	7.5	124.5	5050
11S/14E-31R01	M	135.0	10/20/84	8.8	126.2	5050
12S/11E-10Q01	M	185.0	10/09/84	184.6	.4	5001
			03/26/85	187.4	-2.4	
12S/11E-12D01	M	169.0	10/09/84	178.4	-9.4	5001
			03/26/85	181.2	-12.2	
12S/11E-13D02	M	182.0	10/10/84	187.0	-5.0	5001
			03/26/85	219.1	-37.1	
12S/11E-14D01	M	184.0	10/10/84	184.0	.0	5001
			03/28/85	189.0	-5.0	
12S/11E-23E01	M	210.7	10/05/84	6.3	204.4	5001
			03/26/85	6.6	204.1	
12S/12E-01N01	M	145.5	10/05/84	13.6	131.9	5001
			03/26/85	14.4	131.1	
12S/12E-03R02	M	147.0	10/05/84	33.2	113.8	5001
			03/26/85	36.4	110.6	
12S/12E-06D01	M	149.9	10/05/84	6.8	143.1	5001
			03/26/85	6.3	143.6	
12S/12E-06H01	M	147.0	10/05/84	11.6	135.4	5001
			03/26/85	13.1	133.9	
12S/12E-08A01	M	147.0	10/09/84	4.6	142.4	5001
			03/26/85	4.0	143.0	
12S/12E-08R01	M	167.2	10/10/84	145.8	21.4	5001
12S/12E-08R01	M	167.2	03/26/85	148.8	18.4	5001
12S/12E-10N01	M	165.3	10/10/84	15.8	149.5	5001
			03/26/85	14.9	150.4	
12S/12E-10N02	M	166.0	10/10/84	38.6	127.4	5001
			03/26/85	41.4	124.6	
12S/12E-11A01	M		10/05/84	NM-9		5001
		144.0	03/26/85	1.4	142.6	
12S/12E-11M01	M	149.0	10/05/84	23.7	125.3	5001
			03/26/85	34.1	114.9	
12S/12E-11N01	M	156.0	10/05/84	44.1	111.9	5001
			03/26/85	42.0	114.0	
12S/12E-16A01	M	161.0	10/05/84	7.3	153.7	5001
			03/26/85	6.1	154.9	
12S/12E-19E01	M	203.0	10/11/84	8.4	194.6	5001
			03/28/85	5.4	197.6	
12S/12E-19N02	M	220.5	10/10/84	209.7	10.8	5001
			03/27/85	231.6	-11.1	
12S/12E-21J01	M		10/10/84	DRY		5001
			03/27/85	DRY		
12S/12E-25J01	M		10/10/84	DRY		5001
			03/27/85	DRY		
12S/12E-25N02	M	182.5	10/10/84	5.9	176.6	5001
			03/27/85	5.8	176.7	
12S/12E-25R02	M	189.0	10/03/84	7.8	181.2	5001
12S/12E-30M01	M	237.5	10/10/84	264.3	-26.8	5001
			03/27/85	281.3	-43.8	
12S/13E-01R01	M	135.0	03/13/85	10.0(5)	125.0	5515
12S/13E-02A01	M	130.0	03/13/85	5.5	124.5	5515
12S/13E-02R01	M	130.0	03/13/85	6.0	124.0	5515
12S/13E-03N02	M	134.8	10/20/84	7.7	127.1	5050
12S/13E-03R01	M	136.0	10/20/84	9.0	127.0	5050
12S/13E-05R02	M	140.0	10/20/84	4.6	135.4	5050
12S/13E-07N01	M	152.0	10/03/84	20.4	131.6	5001
			03/25/85	27.0	125.0	
12S/13E-08R01	M	150.0	10/20/84	4.9	145.1	5050
12S/13E-11A01	M	130.0	10/20/84	6.1	123.9	5050
12S/13E-12P01	M	135.8	10/20/84	5.5	130.3	5050
12S/13E-13D01	M	140.0	10/20/84	3.7	136.3	5050
12S/13E-14N01	M	150.0	10/03/84	15.6	134.4	5001
			03/25/85	21.8	128.2	
12S/13E-19K01	M	173.0	10/03/84	48.4	124.6	5001
			03/25/85	52.1	120.9	
12S/13E-32R01	M	193.0	10/03/84	5.4	187.6	5001
			03/25/85	3.4	189.6	
12S/14E-04N01	M	141.0	03/13/85	11.0	130.0	5515
12S/14E-07A01	M	138.0	10/20/84	7.0	131.0	5050
12S/14E-07D02	M	135.4	10/20/84	5.1	130.3	5050
12S/14E-07K01	M	136.0	03/13/85	7.0(5)	129.0	5515
12S/14E-08R01	M	140.0	10/03/84	10.5	129.5	5001
			02/07/85	15.8	124.2	
12S/14E-17D01	M	137.6	10/20/84	8.4	129.2	5050
12S/14E-17L01	M	140.0	03/13/85	12.5(8)	127.5	5515
12S/14E-17N01	M	139.5	10/20/84	8.2	131.3	5050
12S/14E-18M02	M	140.0	10/20/84	10.1	129.9	5050
12S/14E-20K01	M	145.0	03/13/85	15.0(5)	130.0	5515
12S/14E-20Q01	M	143.0	10/20/84	10.8	132.2	5050
12S/14E-20R01	M	148.0	03/13/85	11.0(5)	137.0	5515
12S/14E-31A01	M		10/04/84	DRY		5001
		157.9	03/25/85	5.0	152.9	
12S/14E-33Q01	M	150.0	03/14/85	9.0	141.0	5515
12S/14E-34J03	M	150.0	10/03/84	10.8	139.2	5001
			02/07/85	11.5	138.5	
			09/30/85	10.5	139.5	
13S/12E-02Q01	M	211.0	12/28/84	136.0	75.0	5648
13S/12E-05D01	M	258.0	10/10/84	303.8	-45.8	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB						
8-06 DELTA-MENDOTA CANAL HU						
8-06.8 LOS BANOS HA						
13S/12E-05D01	M	258.0	03/26/85	305.8	-47.8	5001
13S/12E-09M01	M	238.0	12/28/84	230.5	7.5	5646
13S/12E-12P01	M	232.0	12/28/84	212.5	19.5	5646
13S/12E-26H01	M	285.0	12/28/84	273.0	12.0	5646
13S/12E-35N02	M		12/28/84	NM-4		5646
13S/12E-35Q02	M	315.0	12/28/84	324.0	-9.0	5646
13S/12E-36D04	M		10/03/84	DRY		5001
13S/12E-36H01	M	292.0	12/28/84	73.0	219.0	5646
13S/13E-06R01	M	209.5	10/03/84	7.2	202.3	5001
			03/25/85	5.8	203.7	
13S/13E-10R01	M	211.0	10/03/84	117.7	93.3	5001
			03/25/85	117.0	94.0	
13S/13E-12R02	M	183.0	10/04/84	2.4	180.6	5001
			03/25/85	4.8	178.2	
13S/13E-16E01	M	227.0	10/03/84	196.9	30.1	5001
			03/25/85	205.3	21.7	
13S/13E-20N01	M	254.0	12/28/84	227.3	26.7	5646
13S/13E-20Q04	M		12/28/84	NM-4		5646
13S/13E-25N04	M	9999.8	12/28/84	(2)		5646
13S/13E-26M01	M		01/02/85	NM-1		5646
13S/13E-26N03	M	246.0	10/04/84	268.9	-22.9	5001
			01/02/85	180.0	66.0	5646
			03/25/85	NM-1		5001
13S/13E-26N05	M	247.0	01/02/85	191.0	56.0	5646
13S/13E-26Q01	M		12/28/84	NM-1		5646
13S/13E-29N01	M	272.0	01/02/85	216.0	56.0	5646
13S/13E-30D01	M	265.0	10/03/84	31.8	233.2	5001
13S/13E-31M03	M	292.0	12/28/84	160.0	132.0	5646
13S/13E-31Q01	M	299.0	12/28/84	290.0	9.0	5646
13S/13E-36F02	M	242.5	01/03/85	121.0(8)	121.5	5646
13S/13E-36M01	M	247.0	12/28/84	117.0	130.0	5646
13S/13E-36P02	M	250.0	01/03/85	138.0	112.0	5646
13S/14E-02M02	M	150.0	03/14/85	9.0	141.0	5515
13S/14E-02P02	M	150.0	03/14/85	9.0	141.0	5515
13S/14E-03C02	M	150.0	03/14/85	12.0(8)	138.0	5515
13S/14E-03G01	M	151.6	10/04/84	12.1	139.5	5001
			03/25/85	15.7	135.9	
13S/14E-04Q01	M	163.0	10/04/84	6.7	156.3	5001
			03/25/85	5.1	157.9	
13S/14E-11A01	M	150.0	03/14/85	6.5	143.5	5515
13S/14E-12B02	M	150.0	03/14/85	21.0(8)	129.0	5515
13S/14E-12E01	M	150.0	03/14/85	9.5	140.5	5515
13S/14E-12L01	M	165.0	03/14/85	21.0(8)	144.0	5515
13S/14E-13B02	M	153.0	03/14/85	10.0	143.0	5515
13S/14E-15R01	M	161.0	10/04/84	7.5	153.5	5001
			03/25/85	9.0	152.0	
13S/14E-17N02	M	196.0	10/04/84	14.7	181.3	5001
			03/25/85	16.6	179.4	
13S/14E-17N04	M		10/04/84	NM-6		5001
		197.4	03/25/85	114.0	83.4	
13S/14E-24A01	M	158.0	03/14/85	9.0	149.0	5515
13S/14E-27D01	M	190.1	10/04/84	7.5	182.6	5001
			03/25/85	5.4	184.7	
13S/14E-28L01	M	198.0	12/14/84	53.0	145.0	5646
13S/14E-28M01	M	206.0	12/14/84	54.0	152.0	5646
13S/14E-33F01	M	207.0	12/14/84	56.0	151.0	5646
13S/14E-33M01	M	212.0	12/14/84	44.0	168.0	5646
13S/15E-18J01	M		10/10/84	NM-9		5001
			02/12/85	NM-9		
13S/15E-18M01	M	155.0	03/25/85	16.7	138.3	5001
13S/15E-19L01	M	159.6	10/04/84	9.2	150.4	5001
			03/25/85	8.5	151.1	
13S/15E-19R01	M	155.0	10/04/84	10.8	144.2	5001
			02/07/85	15.3	139.7	
14S/12E-01Q01	M	330.0	12/28/84	314.0	16.0	5646
14S/12E-02H01	M	325.0	12/28/84	331.0	-6.0	5646
14S/12E-02R01	M	334.0	12/28/84	344.0	-10.0	5646
14S/12E-02R02	M	333.0	12/28/84	252.0	81.0	5646
14S/12E-11F02	M	347.0	01/02/85	369.0	-22.0	5646
14S/12E-12J01	M		10/03/84	DRY		5001
14S/12E-25A01	M		01/02/85	NM-9		5646
14S/12E-25D01	M	394.0	01/02/85	419.0	-25.0	5646
14S/12E-25Q01	M	409.0	01/02/85	429.0	-20.0	5646
14S/12E-26H01	M		10/12/84	DRY		5001
14S/12E-35J01	M	433.0	01/02/85	459.0	-26.0	5646
14S/12E-35L01	M	443.0	01/02/85	480.0	-37.0	5646
14S/13E-01G02	M		12/26/84	NM-6		5646
14S/13E-04N02	M		12/26/84	NM-4		5646
14S/13E-05N02	M	313.0	12/26/84	100.5	212.5	5646
14S/13E-06P02	M	321.0	12/26/84	239.0	82.0	5646
14S/13E-07E02	M	336.0	12/26/84	186.0	150.0	5646
14S/13E-07E03	M	326.0	12/26/84	324.0	2.0	5646
14S/13E-07G01	M	331.0	01/03/85	114.0	217.0	5646
14S/13E-07N02	M	342.0	12/26/84	191.0	151.0	5646
14S/13E-09E01	M	312.0	12/27/84	118.0	194.0	5646
14S/13E-11R01	M	279.0	12/26/84	216.0	63.0	5646
14S/13E-12P01	M	273.0	12/26/84	187.5	85.5	5646
14S/13E-13G01	M	274.0	12/26/84	221.0	53.0	5646
14S/13E-15M01	M	321.0	01/03/85	285.0	36.0	5646
14S/13E-18E01	M	352.0	01/02/85	370.5	-18.5	5646
14S/13E-18Q01	M	356.0	01/02/85	362.0	-6.0	5646
14S/13E-19N03	M	379.0	01/02/85	397.5	-18.5	5646
14S/13E-19R01	M	370.0	12/26/84	373.0	-3.0	5646
14S/13E-20L02	M	358.0	01/02/85	363.0	-5.0	5646
14S/13E-21D01	M	343.0	12/07/84	143.5	199.5	5646
14S/13E-22A01	M	311.0	12/26/84	262.0	49.0	5646
14S/13E-22Q01	M		12/26/84	NM-2		5646
14S/13E-23E02	M	317.0	12/26/84	106.0	211.0	5646
14S/13E-24N01	M		12/26/84	NM-4		5646
14S/13E-25E01	M	308.0	12/26/84	290.5	17.5	5646
14S/13E-26D01	M	324.0	12/26/84	250.0	74.0	5646
14S/13E-26E02	M	326.0	12/26/84	303.0	23.0	5646
14S/13E-26M02	M	327.0	12/26/84	297.0	30.0	5646
14S/13E-28D01	M		12/07/84	NM-4		5646
14S/13E-28M01	M	373.0	12/07/84	340.0	33.0	5646
14S/13E-29R01	M	373.0	12/07/84	371.0	2.0	5646
14S/13E-30H01	M	379.0	12/27/84	409.0	-30.0	5646
14S/13E-30N02	M		10/12/84	DRY		5001
14S/13E-30N04	M	396.0	10/12/84	195.1	200.9	5001
14S/13E-32D01	M	387.0	01/03/85	396.0	-9.0	5646
14S/14E-01E01	M	184.0	12/14/84	40.8	143.2	5646
14S/14E-02G02	M	189.0	12/14/84	40.0	149.0	5646
14S/14E-02N02	M	199.0	12/14/84	132.0	67.0	5646
14S/14E-03Q01	M	206.0	12/14/84	56.0	150.0	5646
14S/14E-05E03	M		12/14/84	NM-4		5646
14S/14E-06M01	M		12/14/84	NM-2		5646
14S/14E-09E04	M	230.5	12/14/84	163.5	67.0	5646

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB						
8-06 DELTA-MENDOTA CANAL HU						
8-06.8 LOS BANOS HA						
14S/14E-18N02	M	282.0	12/14/84	127.5	154.5	5646
15S/12E-01B01	M	427.0	12/13/84	471.0	-44.0	5646
15S/12E-01N02	M	455.0	12/13/84	493.0	-38.0	5646
15S/12E-01R01	M	448.0	12/13/84	467.0	-19.0	5646
15S/12E-02A01	M	440.0	10/12/84	210.5	229.5	5001
15S/12E-03R01	M		10/12/84	DRY		5001
15S/12E-09C01	M		10/12/84	DRY		5001
15S/13E-06J01	M	417.0	12/13/84	426.0	-9.0	5646
8 SAN JOAQUIN HB						
8-08 SAN JOAQUIN VALLEY FLOOR HU						
8-08.A MANTECA HA						
01S/06E-01C02	M	19.0	10/11/84	21.5	-2.5	5110
			03/12/85	20.5	-1.5	
01S/06E-02D04	M	15.0	10/17/84	20.7	-5.7	5050
			03/13/85	18.3	-3.3	
01S/06E-02G02	M	16.0	03/13/85	19.0	-3.0	5050
01S/06E-12P01	M	21.0	03/14/85	17.4	3.6	5050
01S/06E-26K01	M	17.0	10/17/84	11.0	6.0	5050
			03/14/85	10.1	6.9	
01S/06E-36C01	M	23.0	12/21/84	13.8	9.2	5050
			03/14/85	13.5	9.5	
01S/07E-17N02	M	30.0	03/14/85	17.8	12.2	5050
01S/07E-18L01	M	25.0	03/14/85	16.4	8.6	5050
01S/07E-21G01	M	44.0	10/17/84	21.1	22.9	5050
			03/14/85	24.0	20.0	
01S/07E-25R01	M	56.0	10/25/84	32.5	23.5	5050
			03/14/85	33.2	22.8	
01S/07E-28D01	M	34.0	03/14/85	13.5	20.5	5050
01S/07E-30R01	M	28.0	12/21/84	9.4	18.6	5050
			03/14/85	9.7	18.3	
01S/07E-33H01	M	40.0	10/17/84	14.3	25.7	5050
			03/14/85	15.3	24.7	
01S/07E-35P01	M		10/11/84	NM-4		5110
			03/12/85	NM-4		
01S/07E-36D01	M	51.0	10/17/84	22.6	28.4	5050
			03/14/85	25.4	25.6	
01S/08E-25D01	M	90.5	10/10/84	63.6	26.9	5110
			03/15/85	59.6	30.9	
01S/08E-27A01	M	75.0	10/25/84	65.5	9.5	5050
			03/15/85	61.8	13.2	
01S/08E-34D01	M	77.0	10/17/84	47.6	29.4	5050
			03/18/85	45.6	31.4	
01S/08E-35R02	M	88.0	10/25/84	51.4	36.6	5050
			03/18/85	49.5	38.5	
01S/09E-29M02	M	103.0	10/11/84	67.5(4)	35.5	5110
			03/15/85	65.5(4)	37.5	
01S/09E-33J02	M	125.0	10/25/84	59.8	65.2	5050
			03/18/85	59.8	65.2	
01S/09E-33P01	M	119.0	10/17/84	59.6	59.4	5050
			03/18/85	59.1	59.9	
01S/09E-34A01	M	135.0	10/11/84	65.5	69.5	5110
			03/15/85	64.5	70.5	
02S/06E-02H01	M	20.0	03/14/85	9.9	10.1	5050
02S/06E-02P01	M	15.0	10/11/84	12.5(8)	2.5	5110
			03/12/85	7.5(8)	7.5	
02S/06E-10J01	M	15.0	10/11/84	26.0	-11.0	5110
			03/12/85	24.0	-9.0	
02S/06E-11J01	M	20.0	10/17/84	10.0	10.0	5050
			03/14/85	8.8	11.2	
02S/07E-07Q01	M	28.0	03/14/85	3.1	24.9	5050
02S/07E-08R01	M	36.9	03/14/85	9.8	27.1	5050
02S/07E-10B01	M	46.0	03/14/85	18.5	27.5	5050
02S/07E-12G01	M	56.0	03/14/85	17.9	38.1	5050
02S/07E-12R01	M	55.0	10/17/84	18.7	36.3	5050
			01/24/85	19.0	36.0	
			02/22/85	18.9	36.1	
			03/25/85	20.3	34.7	
			04/25/85	19.4	35.6	
			05/24/85	19.6	35.4	
			06/24/85	20.5	34.5	
			07/25/85	20.1	34.9	
			08/23/85	19.8	35.2	
			09/23/85	19.5	35.5	
02S/07E-12R02	M	55.0	10/17/84	16.6	38.4	5050
			01/24/85	16.4	38.6	
			02/22/85	16.5	38.5	
			03/25/85	16.4	38.6	
			04/25/85	16.6	38.4	
			05/24/85	16.9	38.1	
			06/24/85	17.3	37.7	
			07/25/85	17.7	37.3	
			08/23/85	17.9	37.1	
			09/23/85	17.5	37.5	
02S/07E-20R02	M	32.0	03/14/85	8.3	23.7	5050

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB						
8-08 SAN JOAQUIN VALLEY FLOOR HU						
8-08.A MANTECA HA						
02S/07E-22J01	M		03/14/85	NM-3		5050
02S/07E-22N02	M	41.0	10/17/84	13.3	27.7	5050
			03/14/85	12.0	29.0	
02S/07E-24R02	M	56.0	03/14/85	16.8	39.2	5050
02S/08E-09J01	M	73.0	03/18/85	26.9	46.1	5050
02S/08E-12D01	M	86.0	10/17/84	35.6	50.4	5050
			03/18/85	37.0	49.0	
02S/08E-14E01	M	79.0	03/18/85	28.7	50.3	5050
02S/08E-17N01	M	64.0	03/14/85	21.6	42.4	5050
02S/08E-20L01	M	65.0	10/17/84	24.7	40.3	5050
			03/14/85	24.5	40.5	
02S/09E-03K01	M	125.0	10/11/84	47.0	78.0	5110
			03/15/85	NM-9		
02S/09E-05C01	M	110.0	10/25/84	52.8	57.2	5050
			03/18/85	52.8	57.2	
02S/09E-07D01	M	97.0	10/17/84	43.0	54.0	5050
			03/18/85	44.3	52.7	
02S/09E-09Q01	M	120.0	03/18/85	48.4	71.6	5050
02S/09E-11K01	M	139.0	10/25/84	49.3	89.7	5050
			03/18/85	50.8	88.2	
02S/09E-12R01	M	145.0	10/17/84	61.7	83.3	5050
			03/18/85	61.7	83.3	
02S/09E-18E01	M		03/18/85	NM-0		5050
02S/09E-19B02	M	89.0	10/17/84	25.0	64.0	5050
			01/24/85	27.4	61.6	
			02/22/85	28.2	60.8	
			03/25/85	28.3	60.7	
			04/25/85	32.1	56.9	
			05/24/85	NM-1		
			06/24/85	27.7	61.3	
			07/25/85	NM-1		
			08/23/85	24.7	64.3	
			09/23/85	26.4	62.6	
03S/07E-05J01	M	34.0	03/14/85	11.6	22.4	5050
8-08.B VALLEY HOME HA						
01S/09E-14K01	M	140.0	10/16/84	86.7	53.3	5050
			02/22/85	83.0	57.0	
			03/25/85	82.8	57.2	
			04/25/85	83.3	56.7	
			05/24/85	86.4	53.6	
			06/24/85	85.9	54.1	
			07/25/85	86.2	53.8	
			08/23/85	88.3	51.7	
			09/23/85	87.8	52.2	
01S/09E-23P01	M		10/11/84	NM-9		5110
01S/09E-24R01	M	146.0	10/11/84	68.9	77.1	5110
			03/15/85	63.9	82.1	
01S/09E-28M02	M	117.0	10/12/84	70.3	46.7	5110
			03/15/85	67.3	49.7	
8-08.C RIVERBANK HA						
02S/08E-25P01	M	94.0	11/00/84	37.2	56.8	5521
			02/00/85	39.6	54.4	
02S/08E-27N01	M	73.0	11/00/84	29.7	43.3	5521
			02/00/85	32.0	41.0	
02S/08E-33F01	M	66.0	11/00/84	21.3	44.7	5521
			02/00/85	22.3	43.7	
02S/09E-28N01	M	118.4	11/00/84	48.3	70.1	5521
			02/00/85	48.2	70.2	
02S/09E-31G01	M	97.0	11/00/84	35.0	62.0	5521
			02/00/85	38.5	58.5	
02S/09E-36N01	M	125.0	11/00/84	46.2	78.8	5521
			02/00/85	47.0	78.0	
03S/07E-13A01	M	47.0	11/00/84	8.4	38.6	5521
			02/00/85	7.0	40.0	
03S/07E-13H01	M	43.5	11/00/84	12.5	31.0	5521
			02/00/85	10.5	33.0	
03S/07E-23F02	M	37.0	11/00/84	8.0	29.0	5521
			02/00/85	9.0	28.0	
03S/07E-23H01	M	40.0	11/00/84	9.5	30.5	5521
			02/00/85	12.2	27.8	
03S/07E-24J01	M	48.1	11/00/84	14.3	33.8	5521
			02/00/85	18.5	29.6	
03S/07E-24M01	M	45.0	11/00/84	8.3	36.7	5521
			02/00/85	8.7	36.3	

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB						
8-08 SAN JOAQUIN VALLEY FLOOR HU						
8-08.C RIVERBANK HA						
03S/07E-25P01	M	44.0	11/00/84	8.4	35.6	5521
			02/00/85	11.7	32.3	
03S/07E-36C01	M	43.0	11/00/84	8.0	35.0	5521
			02/00/85	7.0	36.0	
03S/08E-02M01	M	75.0	11/00/84	23.6	51.4	5521
			02/00/85	25.6	49.4	
03S/08E-03N01	M	65.0	11/00/84	16.0	49.0	5521
			02/00/85	15.8	49.2	
03S/08E-04L01	M		11/00/84	NM-7		5521
			02/00/85	NM-7		
03S/08E-04M01	M	58.5	11/00/84	17.6	40.9	5521
			02/00/85	16.3	42.2	
03S/08E-06N01	M	48.8	11/00/84	14.5	34.3	5521
			02/00/85	13.3	35.5	
03S/08E-07Q01	M	48.0	11/00/84	13.2	34.8	5521
			02/00/85	13.4	34.6	
03S/08E-08D01	M	51.0	11/00/84	13.5	37.5	5521
			02/00/85	13.2	37.8	
03S/08E-09C01	M	58.1	11/00/84	14.2	43.9	5521
			02/00/85	13.7	44.4	
03S/08E-09P01	M	55.0	11/00/84	16.5	38.5	5521
			02/00/85	17.0	38.0	
03S/08E-11K01	M	73.0	02/00/85	32.0	41.0	5203
03S/08E-11N01	M	70.0	11/00/84	15.4	54.6	5521
			02/00/85	15.5	54.5	
03S/08E-13F01	M	77.0	11/00/84	24.7	52.3	5521
			02/00/85	31.7	45.3	
03S/08E-13J01	M	79.0	02/00/85	32.0	47.0	5203
03S/08E-14B01	M	70.0	11/00/84	17.0	53.0	5521
			02/00/85	16.3	53.7	
03S/08E-14M01	M		11/00/84	NM-7		5521
		65.0	02/00/85	13.5	51.5	
03S/08E-15Q01	M	64.0	11/00/84	18.0	46.0	5521
			02/00/85	15.8	48.2	
03S/08E-16A01	M	63.0	11/00/84	17.0	46.0	5521
			02/00/85	17.7	45.3	
03S/08E-16E01	M	55.0	11/00/84	18.5	36.5	5521
			02/00/85	18.6	36.4	
03S/08E-16R01	M	60.0	11/00/84	14.0	46.0	5521
			02/00/85	13.7	46.3	
03S/08E-17C01	M	50.0	11/00/84	14.4	35.6	5521
			02/00/85	13.3	36.7	
03S/08E-17L01	M	52.0	11/00/84	16.7	35.3	5521
			02/00/85	14.0	38.0	
03S/08E-17R01	M	55.0	11/00/84	17.5	37.5	5521
			02/00/85	16.6	38.4	
03S/08E-18C01	M	45.0	11/00/84	13.6	31.4	5521
			02/00/85	12.2	32.8	
03S/08E-18J01	M	50.0	11/00/84	16.4	33.6	5521
			02/00/85	14.8	35.2	
03S/08E-18K01	M	48.0	11/00/84	12.1	35.9	5521
			02/00/85	10.1	37.9	
03S/08E-19C01	M	50.0	11/00/84	13.5	36.5	5521
			02/00/85	13.2	36.8	
03S/08E-19Q01	M	40.0	11/00/84	19.2	20.8	5521
			02/00/85	17.0	23.0	
03S/08E-20E01	M	49.0	11/00/84	13.5	35.5	5521
			02/00/85	12.5	36.5	
03S/08E-20J01	M	56.1	11/00/84	14.0	42.1	5521
			02/00/85	16.2	39.9	
03S/08E-20R01	M	58.0	11/00/84	14.4	41.6	5521
			02/00/85	13.9	42.1	
03S/08E-21Q01	M	59.0	11/00/84	13.0	46.0	5521
			02/00/85	14.5	44.5	
03S/08E-22F01	M	63.0	11/00/84	16.0	47.0	5521
			02/00/85	14.6	48.4	
03S/08E-22P01	M	65.0	11/00/84	16.0	49.0	5521
			02/00/85	16.5	48.5	
03S/08E-23E01	M	69.6	11/00/84	16.0	53.6	5521
			02/00/85	17.5	52.1	
03S/08E-23H01	M	70.0	11/00/84	26.6	43.4	5521
			02/00/85	26.8	43.2	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB						
8-08 SAN JOAQUIN VALLEY FLOOR HU						
8-08.C RIVERBANK HA						
03S/08E-24C02	M	73.0	11/00/84	19.0	54.0	5521
			02/00/85	20.1	52.9	
03S/08E-27H01	M	65.0	11/00/84	12.9	52.1	5521
			02/00/85	13.9	51.1	
03S/08E-29E01	M	52.3	11/00/84	16.1	36.2	5521
		48.0	02/00/85	14.3	33.7	
03S/08E-29K01	M	55.0	11/00/84	10.0	45.0	5521
			02/00/85	10.7	44.3	
03S/08E-30L01	M	50.0	11/00/84	12.3	37.7	5521
			02/00/85	11.6	38.4	
03S/08E-31D01	M	47.0	11/00/84	10.5	36.5	5521
			02/00/85	11.0	36.0	
03S/08E-31G01	M	48.0	11/00/84	11.0	37.0	5521
			02/00/85	11.3	36.7	
03S/08E-31R01	M	50.0	11/00/84	11.0	39.0	5521
			02/00/85	10.5	39.5	
03S/08F-32A01	M	57.0	11/00/84	13.5	43.5	5521
			02/00/85	14.0	43.0	
03S/08E-32C01	M	53.0	11/00/84	15.0	38.0	5521
			02/00/85	14.6	38.4	
03S/08E-34B01	M	64.0	11/00/84	14.3	49.7	5521
			02/00/85	14.7	49.3	
03S/09E-02P01	M		11/00/84	NM-7		5521
		105.0	02/00/85	28.0	77.0	
03S/09E-03D01	M	108.0	11/00/84	46.8	61.2	5521
			02/00/85	45.0	63.0	
03S/09E-04F01	M	103.6	11/00/84	33.0	70.6	5521
			02/00/85	29.7	73.9	
03S/09E-06R01	M	87.0	11/00/84	18.0	69.0	5521
			02/00/85	19.5	67.5	
03S/09E-07C01	M	86.5	11/00/84	27.0	59.5	5521
			02/00/85	31.9	54.6	
03S/09E-08D01	M	92.0	11/00/84	29.0	63.0	5521
			02/00/85	82.4	9.6	
03S/09E-09K01	M	94.0	02/00/85	32.0	62.0	5203
03S/09E-09J01	M		11/00/84	NM-7		5521
			02/00/85	NM-7		
03S/09E-09P01	M	94.0	02/00/85	43.4	50.6	5203
03S/09E-10E01	M	98.0	02/00/85	33.0	65.0	5203
03S/09E-14P01	M	102.0	11/00/84	48.0	54.0	5521
			02/00/85	47.0	55.0	
03S/09E-15L01	M	95.0	02/00/85	37.0	58.0	5203
03S/09E-16N02	M	90.0	02/00/85	45.5	44.5	5203
03S/09E-17D01	M	87.0	02/00/85	35.0	52.0	5203
03S/09E-17P01	M	85.0	02/00/85	42.0	43.0	5203
03S/09E-19C01	M	79.0	02/00/85	32.0	47.0	5203
03S/09E-19J01	M	89.4	02/00/85	43.0	46.4	5203
03S/09E-20C01	M	87.0	02/00/85	43.0	44.0	5203
03S/09E-20J01	M	88.0	02/00/85	51.0	37.0	5203
03S/09E-20K01	M	86.0	02/00/85	46.8	39.2	5203
03S/09E-21P01	M	90.0	02/00/85	53.0	37.0	5203
03S/09E-22N01	M	96.0	02/00/85	58.1	37.9	5203
03S/09E-23E01	M	101.0	02/00/85	51.0	50.0	5203
03S/09E-24F01	M	109.0	02/00/85	48.6	60.4	5203
03S/09E-26K01	M	103.0	02/00/85	60.5	42.5	5203
03S/09E-28C01	M	91.0	02/00/85	56.0	35.0	5203
03S/09E-28K01	M	89.0	02/00/85	52.0	37.0	5203
03S/09E-28M01	M	90.0	02/00/85	56.0	34.0	5203
03S/09E-29B01	M	85.0	02/00/85	48.5	36.5	5203
03S/09E-29D02	M	83.0	02/00/85	45.0	38.0	5203
03S/09E-29G01	M	88.0	02/00/85	56.0	32.0	5203
03S/09E-29L01	M	85.0	02/00/85	47.0	38.0	5203
03S/09E-29P01	M	86.0	02/00/85	51.2	34.8	5203
03S/09E-30E01	M	78.0	02/00/85	32.4	45.6	5203
03S/09E-31F01	M	79.0	02/00/85	34.0	45.0	5203
03S/09E-32A01	M	87.0	02/00/85	57.0	30.0	5203
03S/09E-32F01	M	84.0	02/00/85	46.4	37.6	5203
03S/09E-32G01	M	85.0	02/00/85	50.0	35.0	5203
03S/09E-32P01	M	84.0	02/00/85	45.7	38.3	5203
03S/10E-06G01	M	133.1	11/00/84	38.2	94.9	5521
			02/00/85	38.3	94.8	
03S/10E-08D01	M	130.0	11/00/84	37.6	92.4	5521
			02/00/85	38.7	91.3	
03S/10E-17K01	M	130.0	11/00/84	37.6(6)	92.4	5521
			02/00/85	41.1	88.9	
03S/10E-18P01	M	115.0	11/00/84	43.2	71.8	5521
			02/00/85	42.5	72.5	
03S/10E-20F01	M	120.0	11/08/84	43.0(8)	77.0	5050
			03/19/85	41.5(8)	78.5	
03S/10E-20R01	M	120.0	11/08/84	43.2(8)	76.8	5050
			03/19/85	49.0(9)	71.0	
03S/10E-22G01	M	140.0	11/08/84	42.0	98.0	5050
			03/19/85	NM-1		
03S/10E-26E01	M	130.0	11/08/84	48.0	82.0	5050
			03/19/85	NM-7		
03S/10E-26M01	M	135.0	11/00/84	53.5	81.5	5521
			11/08/84	45.0	90.0	5050
		139.0	02/00/85	55.9	83.1	5521
			03/19/85	54.0(8)	85.0	5050
03S/10E-29K01	M	118.0	11/00/84	49.8	68.2	5521
			02/00/85	51.0	67.0	
03S/10E-32G01	M	120.0	11/00/84	62.8	57.2	5521
			02/00/85	61.9	58.1	
03S/10E-34Q02	M	125.0	11/08/84	59.0	66.0	5050
			03/19/85	68.0(9)	57.0	
03S/11E-20G01	M	161.0	11/07/84	63.0	98.0	5050
			03/19/85	NM-2		
03S/11E-27G03	M	180.0	11/00/84	88.0	92.0	5521
			02/00/85	89.2	90.8	
03S/11E-27L02	M	180.0	11/00/84	79.0	101.0	5521
			02/00/85	81.3	98.7	
03S/11E-28G01	M	160.0	11/00/84	66.4	93.6	5521
			02/00/85	67.4	92.6	
03S/11E-29J01	M	158.0	11/00/84	65.4	92.6	5521
			02/00/85	69.4	88.6	
03S/11E-29L02	M	154.0	11/07/84	53.0	101.0	5050
			03/19/85	53.0(9)	101.0	
03S/11E-31K01	M	150.0	11/07/84	71.0	79.0	5050
			03/19/85	70.0(9)	80.0	
04S/08E-02H01	M	70.0	11/00/84	23.1	46.9	5521
			02/00/85	27.2	42.8	
04S/08E-03C01	M	62.0	11/00/84	13.6	48.4	5521
			02/00/85	14.0	48.0	
04S/08E-03F01	M	60.0	11/00/84	15.0	45.0	5521
			02/00/85	16.4	43.6	
04S/08E-03K01	M	63.0	11/00/84	16.4	46.6	5521
			02/00/85	NM-7		
04S/08E-04G01	M	57.0	11/00/84	12.8	44.2	5521
			02/00/85	12.9	44.1	
04S/08E-04N01	M	56.0	11/00/84	13.1	42.9	5521
			02/00/85	14.5	41.5	
04S/08E-05P01	M	52.0	11/00/84	18.3	33.7	5521
			02/00/85	17.8	34.2	
04S/08E-06C01	M	47.0	11/00/84	10.5	36.5	5521
			02/00/85	11.2	35.8	
04S/08E-06L01	M	47.0	11/00/84	12.6	34.4	5521
			02/00/85	14.7	32.3	
04S/09E-06K01	M	70.0	02/00/85	32.5	37.5	5203
10S/14E-23A01	M	162.5	11/08/84	43.8	118.7	5001
			01/25/85	51.5	111.0	
10S/14E-25K01	M	165.0	11/08/84	43.5	121.5	5001
			01/25/85	NM-6		
10S/14E-26C02	M	157.0	11/08/84	41.1	115.9	5001
			01/25/85	40.0	117.0	
10S/14E-26H01	M		11/08/84	NM-6		5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB						
8-08 SAN JOAQUIN VALLEY FLOOR HU						
8-08.C RIVERBANK HA						
10S/14E-26R01	M	158.0	11/08/84	39.4	118.6	5001
			01/25/85	37.7	120.3	
8-08.D WARNERSVILLE HA						
03S/12E-18H01	M	195.0	11/00/84	33.0	162.0	5521
			02/00/85	35.0	160.0	
03S/12E-18K01	M	195.0	11/00/84	42.0	153.0	5521
			02/00/85	48.0	147.0	
03S/12E-19G01	M	190.0	11/00/84	54.0	136.0	5521
			02/00/85	57.8	132.2	
03S/12E-20P01	M	205.0	11/00/84	46.0	159.0	5521
			02/00/85	43.0	162.0	
8-08.E TURLOCK HA						
03S/11E-27G01	M	180.0	11/00/84	75.1	104.9	5521
			02/00/85	83.0	97.0	
03S/11E-34C03	M	130.0	11/07/84	44.0	86.0	5050
			03/19/85	43.0	87.0	
04S/08E-13P01	M	60.0	11/07/84	2.0	58.0	5050
			03/13/85	14.0	46.0	
04S/08E-22R01	M	55.0	11/07/84	12.0	43.0	5050
			03/13/85	9.0	46.0	
04S/08E-27H01	M	50.0	11/07/84	15.5	34.5	5050
			03/13/85	10.0	40.0	
04S/08E-33G01	M	45.0	11/07/84	12.0	33.0	5050
			03/19/85	NM-9		
04S/08E-33G02	M		11/07/84	NM-4		5050
			03/19/85	NM-9		
04S/08E-33G03	M	45.0	11/07/84	.0	45.0	5050
			03/19/85	NM-9		
04S/08E-35J01	M	57.0	11/07/84	21.5	35.5	5050
			03/13/85	19.0	38.0	
04S/08E-36B02	M	61.0	11/07/84	10.0	51.0	5050
			03/13/85	11.0	50.0	
04S/09E-03K02	M	97.0	11/07/84	51.0	46.0	5050
			03/19/85	54.0	43.0	
04S/09E-05H01	M	67.0	02/00/85	32.0	35.0	5203
04S/09E-05J01	M	76.0	02/00/85	34.0	42.0	5203
04S/09E-05P01	M	60.0	02/00/85	21.0	39.0	5203
04S/09E-09K01	M	85.0	02/00/85	42.0	43.0	5203
04S/09E-09Q01	M	86.0	02/00/85	25.8	60.2	5203
04S/09E-13R01	M	97.0	11/07/84	22.0	75.0	5050
			03/19/85	20.0	77.0	
04S/09E-16D02	M	83.0	02/00/85	28.1	54.9	5203
04S/09E-19A01	M	72.0	11/08/84	13.0	59.0	5050
			03/13/85	12.0	60.0	
04S/09E-20A01	M	78.0	11/08/84	15.0	63.0	5050
			03/13/85	NM-1		
04S/09E-21J01	M	80.0	11/08/84	18.0	62.0	5050
			03/13/85	19.0	61.0	
04S/09E-24G01	M	90.0	03/13/85	15.0	75.0	5050
04S/09E-27H01	M	75.0	11/08/84	15.0	60.0	5050
			03/13/85	13.0	62.0	
04S/09E-28J01	M	75.0	11/08/84	14.0	61.0	5050
			03/13/85	18.0	57.0	
04S/09E-29M01	M	70.0	11/08/84	16.0	54.0	5050
			03/13/85	14.0	56.0	
04S/09E-30D01	M	63.0	03/13/85	18.0	45.0	5050
04S/09E-31C01	M	65.0	11/08/84	13.0	52.0	5050
			03/13/85	13.0	52.0	
04S/09E-32J01	M	65.0	03/13/85	7.0	58.0	5050
04S/09E-36E02	M	85.0	03/13/85	23.0	62.0	5050
04S/10E-02M01	M	127.0	11/08/84	55.0	72.0	5050
			03/19/85	53.0	74.0	
04S/10E-06R01	M	9999.8	11/08/84	(0)		5050
04S/10E-08M01	M	115.0	11/08/84	49.5	65.5	5050
			03/19/85	56.0(9)	59.0	
04S/10E-11J01	M	136.0	11/08/84	54.0	82.0	5050
			03/19/85	54.5	81.5	
04S/10E-12A01	M	140.0	11/20/84	65.0(9)	75.0	5050
			03/19/85	65.0(9)	75.0	
8 SAN JOAQUIN HB						
8-08 SAN JOAQUIN VALLEY FLOOR HU						
8-08.E TURLOCK HA						
04S/10E-17D02	M	108.0	11/08/84	28.0	80.0	5050
			03/19/85	29.5	78.5	
04S/10E-18R01	M	105.0	11/20/84	19.0(4)	86.0	5050
			03/19/85	14.0	91.0	
04S/10E-21E01	M	102.0	11/06/84	24.0	78.0	5050
04S/10E-21R02	M	109.0	11/06/84	18.0	91.0	5050
			03/13/85	18.0	91.0	
04S/10E-23C01	M	120.0	11/20/84	38.0	82.0	5050
			03/19/85	41.0	79.0	
04S/10E-24B01	M	130.0	11/20/84	46.0	84.0	5050
			03/19/85	NM-1		
04S/10E-29B01	M	101.0	11/06/84	12.0	89.0	5050
			03/13/85	14.0	87.0	
04S/10E-31P01	M	90.0	03/14/85	16.0	74.0	5050
04S/10E-32N02	M	93.0	03/14/85	11.0	82.0	5050
04S/11E-02C01	M		11/07/84	NM-4		5050
			03/19/85	NM-4		
04S/11E-02H02	M	177.0	11/07/84	80.5	96.5	5050
			03/19/85	83.5(9)	93.5	
04S/11E-03H01	M	167.0	11/07/84	72.0(9)	95.0	5050
			03/19/85	NM-4		
04S/11E-04C01	M	166.0	11/07/84	85.0(9)	81.0	5050
			03/19/85	NM-2		
04S/11E-08A01	M	165.0	11/20/84	70.0(9)	95.0	5050
			03/19/85	74.0(9)	91.0	
04S/11E-14P01	M		11/20/84	NM-9		5050
		175.0	03/19/85	111.0	64.0	
04S/11E-17A01	M	148.0	11/20/84	60.0	88.0	5050
			03/19/85	63.0(9)	85.0	
04S/11E-19G01	M		11/20/84	NM-7		5050
			03/19/85	NM-7		
04S/11E-21D01	M		11/20/84	NM-2		5050
			03/20/85	NM-2		
04S/11E-28J01	M	160.0	03/20/85	75.5(9)	84.5	5050
04S/11E-31E01	M	125.0	11/06/84	33.0	92.0	5050
			03/12/85	35.0	90.0	
04S/11E-31J01	M	130.0	11/06/84	34.0	96.0	5050
			03/12/85	33.0	97.0	
04S/11E-32D02	M	133.0	03/20/85	51.0	82.0	5050
04S/11E-32P01	M	130.0	11/07/84	52.0(9)	78.0	5050
			03/12/85	50.0	80.0	
04S/11E-33R01	M	145.0	03/20/85	56.0	89.0	5050
04S/11E-34H01	M	165.0	03/20/85	87.0(9)	78.0	5050
05S/08E-01R01	M	56.0	03/13/85	8.0	48.0	5050
05S/08E-02R01	M		03/13/85	NM-1		5050
05S/09E-01Q01	M	81.0	11/07/84	20.0	61.0	5050
			03/13/85	NM-1		
05S/09E-07B01	M	54.0	03/13/85	5.0	49.0	5050
05S/09E-09A01	M	65.0	11/07/84	14.0	51.0	5050
			03/13/85	NM-1		
05S/09E-10P01	M	69.0	11/07/84	18.0	51.0	5050
			03/13/85	NM-1		
05S/09E-11L01	M		03/13/85	NM-1		5050
05S/09E-13A01	M	80.0	11/07/84	15.0	65.0	5050
05S/09E-13E01	M	75.0	11/07/84	17.0	58.0	5050
			03/13/85	17.0	58.0	
05S/09E-14H01	M		03/13/85	NM-1		5050
05S/09E-14K01	M	73.0	11/07/84	10.0	63.0	5050
			03/13/85	13.0	60.0	
05S/09E-15M01	M	67.0	11/07/84	12.0	55.0	5050
			03/13/85	13.0	54.0	
05S/09E-16K01	M	64.0	11/07/84	12.0	52.0	5050
			03/13/85	18.0	46.0	
05S/09E-17K01	M	60.0	11/07/84	12.0	48.0	5050
			03/13/85	18.0	42.0	
05S/09E-20K01	M		03/13/85	NM-1		5050
05S/09E-21B01	M		03/13/85	NM-1		5050
05S/09E-22N01	M		03/13/85	NM-1		5050

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
B SAN JOAQUIN HR						
B-08 SAN JOAQUIN VALLEY FLOOR HU						
B-08.E TURLOCK HA						
05S/09E-23C01	M		03/13/85	NM-1		5050
05S/09E-24J01	M	77.0	03/13/85	14.0	63.0	5050
05S/09E-25C01	M	72.0	11/07/84	10.0	62.0	5050
			03/13/85	NM-1		
05S/09E-25R01	M	73.0	03/13/85	4.0	69.0	5050
05S/09E-27D01	M	63.0	11/07/84	13.0	50.0	5050
			03/13/85	15.0	48.0	
05S/09E-33H01	M	62.0	11/07/84	22.0	40.0	5050
			03/13/85	16.0	46.0	
05S/09E-35K01	M		03/13/85	NM-1		5050
05S/09E-35Q01	M		03/13/85	NM-1		5050
05S/10E-01P01	M	114.0	11/06/84	11.0	103.0	5050
			03/13/85	10.0	104.0	
05S/10E-04D01	M	97.0	11/06/84	16.0	81.0	5050
			03/13/85	16.0	81.0	
05S/10E-08M01	M	88.0	11/08/84	16.0	72.0	5050
			03/14/85	10.0	78.0	
05S/10E-17C01	M	90.0	11/08/84	14.0	76.0	5050
			03/14/85	13.0	77.0	
05S/10E-17M01	M	86.0	03/14/85	17.0	69.0	5050
05S/10E-21Q01	M	90.0	11/08/84	16.5	73.5	5050
			03/14/85	18.0	72.0	
05S/10E-24C01	M	105.0	11/08/84	19.0	86.0	5050
			03/13/85	18.0	87.0	
05S/10E-26H01	M	101.0	03/13/85	8.0	93.0	5050
05S/10E-27B01	M	98.0	03/14/85	24.0	74.0	5050
05S/10E-27J01	M	97.0	11/08/84	14.0	83.0	5050
			03/14/85	12.0	85.0	
05S/10E-28H01	M	89.0	11/08/84	11.0	78.0	5050
			03/14/85	NM-1		
05S/10E-28P01	M	87.0	03/14/85	18.0	69.0	5050
05S/10E-29A01	M	86.0	11/08/84	11.0	75.0	5050
			03/14/85	11.0	75.0	
05S/10E-30F01	M	78.0	11/08/84	8.0	70.0	5050
			03/14/85	17.0	61.0	
05S/10E-31B01	M		03/14/85	NM-1		5050
05S/10E-33F01	M		03/14/85	NM-1		5050
05S/10E-34J01	M		03/13/85	NM-1		5050
05S/10E-35Q01	M	95.0	11/08/84	12.0	83.0	5050
			03/13/85	6.0	89.0	
05S/10E-36K01	M	100.0	11/08/84	15.5	84.5	5050
			03/13/85	NM-1		
05S/11E-06Q01	M		11/06/84	NM-2		5050
			03/12/85	NM-2		
05S/11E-07P01	M	115.0	11/06/84	21.0	94.0	5050
			03/12/85	23.0	92.0	
05S/11E-18Q01	M	115.0	11/06/84	25.0	90.0	5050
			03/12/85	20.0	95.0	
05S/11E-19R01	M	115.0	11/06/84	25.0	90.0	5050
			03/12/85	24.0	91.0	
05S/11E-27K01	M		11/20/84	NM-9		5050
		135.0	03/20/85	72.5(9)	62.5	
05S/11E-29P01	M	114.0	11/06/84	35.0	79.0	5050
			03/12/85	42.0	72.0	
05S/11E-30G01	M	112.0	11/06/84	15.5	96.5	5050
			03/12/85	17.0	95.0	
05S/11E-33N03	M	115.0	11/06/84	27.0	88.0	5050
			03/12/85	17.0	98.0	
06S/09E-01C01	M		03/13/85	NM-1		5050
06S/09E-01P01	M	68.0	11/07/84	7.0	61.0	5050
			03/13/85	6.0	62.0	
06S/09E-01Q01	M		03/13/85	NM-1		5050
06S/09E-02F01	M	65.0	11/07/84	3.0	62.0	5050
			03/13/85	2.0	63.0	
06S/09E-02R01	M	68.0	11/07/84	8.5	59.5	5050
06S/09E-12G01	M		03/13/85	NM-1		5050
06S/09E-12R01	M		03/13/85	NM-1		5050
06S/09E-13H01	M		03/13/85	NM-1		5050
06S/10E-04Q01	M		03/13/85	NM-1		5050
06S/10E-05A01	M	86.0	11/07/84	13.0	73.0	5050
			03/13/85	20.0	66.0	
06S/10E-05N01	M		03/13/85	NM-1		5050
06S/10E-05R02	M		03/13/85	NM-1		5050
06S/10E-07Q01	M	71.0	11/07/84	7.0	64.0	5050
			03/13/85	7.0	64.0	
06S/10E-08H01	M		03/13/85	NM-1		5050
06S/10E-09B01	M	84.0	11/07/84	11.0	73.0	5050
			03/13/85	NM-1		
06S/10E-10H01	M	95.0	11/06/84	11.0	84.0	5050
			03/13/85	13.0	82.0	
06S/10E-11J01	M	97.0	11/06/84	12.0	85.0	5050
			03/12/85	12.0	85.0	
06S/10E-14H01	M	95.0	11/06/84	12.5	82.5	5050
			03/12/85	NM-1		
06S/10E-15P01	M		03/12/85	NM-1		5050
06S/10E-15Q02	M	90.0	11/06/84	6.0	84.0	5050
			03/12/85	NM-1		
06S/10E-16M01	M	82.0	03/13/85	16.0	66.0	5050
06S/10E-17A02	M	82.0	11/07/84	10.5	71.5	5050
			03/13/85	11.0	71.0	
06S/10E-17L01	M	77.0	11/07/84	14.0	63.0	5050
			03/13/85	NM-1		
06S/10E-18J02	M		03/13/85	NM-1		5050
06S/10E-19G01	M	74.0	11/07/84	18.0	56.0	5050
			03/13/85	NM-1		
06S/10E-20R01	M		03/13/85	NM-1		5050
06S/10E-21E01	M		03/13/85	NM-1		5050
06S/10E-21N02	M	84.0	11/07/84	7.0	77.0	5050
			03/13/85	NM-1		
06S/10E-24F01	M	100.0	11/07/84	10.0	90.0	5050
			03/13/85	12.0	88.0	
06S/10E-28K01	M		03/13/85	NM-1		5050
06S/10E-32D01	M		03/13/85	NM-1		5050
06S/11E-03C01	M	115.0	11/06/84	25.5	89.5	5050
			03/12/85	24.0	91.0	
06S/11E-04C01	M	120.0	11/06/84	28.0	92.0	5050
			03/12/85	29.0	91.0	
06S/11E-05C01	M	108.0	11/06/84	11.5	96.5	5050
			03/12/85	17.0	91.0	
06S/11E-07A02	M	109.0	11/06/84	11.0	98.0	5050
			03/12/85	5.0	104.0	
06S/11E-08M02	M		03/12/85	NM-1		5050
06S/11E-09A01	M	122.0	11/06/84	13.0	109.0	5050
			03/12/85	25.0	97.0	
06S/11E-09E01	M	125.0	11/06/84	21.6	103.4	5050
			03/12/85	18.6	106.4	
06S/11E-10B01	M	132.0	11/06/84	28.0	104.0	5050
			03/12/85	30.0	102.0	
06S/11E-17C01	M	105.0	03/12/85	25.0	80.0	5050
06S/11E-17N01	M	114.0	03/12/85	24.0	90.0	5050
06S/11E-19E01	M	100.0	11/06/84	9.5	90.5	5050
			03/12/85	NM-1		
B-08.F MONTPELIER HA						
03S/12E-33L01	M	200.0	11/20/84	89.0(9)	111.0	5050
			03/19/85	86.0(9)	114.0	
04S/11E-11H01	M	165.0	11/07/84	74.5	90.5	5050
			03/19/85	81.5(9)	83.5	
04S/11E-14L01	M	194.0	11/20/84	95.0	99.0	5050
			03/19/85	NM-1		
04S/11E-15J01	M	162.0	11/20/84	79.0(9)	83.0	5050
		175.0	03/19/85	94.0	81.0	
04S/11E-23Q01	M		11/20/84	NM-1		5050
			03/20/85	NM-9		
04S/11E-23R01	M	185.0	11/20/84	118.5(9)	66.5	5050
			03/20/85	115.5(9)	69.5	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
B		SAN JOAQUIN HB				
B-08		SAN JOAQUIN VALLEY FLOOR HU				
B-08.F		MONTPELIER HA				
04S/11E-24Q01	M	213.0	03/20/85	149.0	64.0	5050
04S/11E-26F01	M		03/20/85	NM-9		5050
04S/11E-35A01	M		03/20/85	NM-1		5050
04S/11E-36N01	M	211.0	03/20/85	149.5(9)	61.5	5050
04S/12E-03C01	M	195.0	11/20/84	83.5(9)	111.5	5050
			03/20/85	82.5(9)	112.5	
04S/12E-03G01	M	200.0	11/20/84	90.3(9)	109.7	5050
		201.0	03/20/85	86.3(9)	114.7	
04S/12E-04L01	M		11/07/84	NM-3		5050
		240.0	03/20/85	126.0	114.0	
04S/12E-05A01	M		11/20/84	NM-4		5050
		192.0	03/20/85	90.0(9)	102.0	
04S/12E-05A02	M	190.0	11/20/84	89.0	101.0	5050
			03/20/85	91.0(9)	99.0	
04S/12E-05K01	M	230.0	11/07/84	113.5	116.5	5050
			03/20/85	NM-1		
04S/12E-06E01	M	225.0	11/07/84	93.0(9)	132.0	5050
			03/20/85	NM-1		
04S/12E-06G01	M	197.0	11/07/84	109.5(9)	87.5	5050
			03/20/85	106.5(9)	90.5	
04S/12E-07C01	M	190.0	11/07/84	99.5(9)	90.5	5050
			03/20/85	101.5(9)	88.5	
04S/12E-07J01	M	193.0	11/07/84	104.5	88.5	5050
			03/20/85	108.5(9)	84.5	
04S/12E-08E01	M	205.0	11/07/84	126.0(9)	79.0	5050
			03/20/85	120.0(9)	85.0	
04S/12E-08G01	M	245.0	11/07/84	168.5(9)	76.5	5050
			03/20/85	156.5	88.5	
04S/12E-09H01	M	265.0	11/07/84	176.0(9)	89.0	5050
			03/20/85	177.0(9)	88.0	
04S/12E-09Q02	M		11/07/84	NM-9		5050
			03/20/85	NM-9		
04S/12E-16A02	M		11/07/84	NM-1		5050
			03/20/85	NM-9		
04S/12E-16E01	M		11/07/84	NM-3		5050
		270.0	03/20/85	176.0(9)	94.0	
04S/12E-17D01	M	230.0	11/07/84	153.0(9)	77.0	5050
			03/20/85	153.0(9)	77.0	
04S/12E-17G01	M	230.0	11/07/84	158.0	72.0	5050
			03/20/85	156.0(9)	74.0	
04S/12E-18C01	M	187.0	11/07/84	107.0	80.0	5050
			03/20/85	105.0(9)	82.0	
04S/12E-19N01	M	238.0	11/20/84	160.0(9)	75.0	5050
			03/20/85	157.0(9)	78.0	
04S/12E-21G01	M		11/20/84	NM-9		5050
			03/20/85	NM-9		
04S/12E-21N01	M		11/20/84	NM-9		5050
			03/20/85	NM-9		
04S/12E-25B01	M		11/20/84	NM-7		5050
			03/20/85	NM-9		
04S/12E-27J01	M	265.0	11/07/84	174.0(8)	91.0	5050
			03/20/85	NM-1		
04S/12E-28Q01	M		11/20/84	NM-9		5050
			03/20/85	NM-4		
04S/12E-29D01	M	245.0	11/20/84	186.0(9)	59.0	5050
			03/20/85	NM-9		
04S/12E-30Q01	M	240.0	11/20/84	180.0	60.0	5050
		245.0	03/20/85	185.0	60.0	
04S/12E-35N01	M	240.0	11/07/84	148.0	92.0	5050
05S/11E-09R01	M		11/20/84	NM-5		5050
		175.0	03/20/85	70.0	105.0	
05S/11E-11L01	M		11/20/84	NM-7		5050
			03/20/85	NM-9		
05S/11E-12A01	M		11/20/84	NM-7		5050
			03/20/85	NM-9		
05S/11E-12R01	M		11/20/84	NM-7		5050
			03/20/85	NM-1		
05S/11E-13A01	M		11/20/84	NM-7		5050
		225.0	03/20/85	150.0(9)	75.0	
05S/11E-13C01	M		11/20/84	NM-7		5050
			03/20/85	NM-1		
05S/11E-13J01	M		11/20/84	NM-7		5050
			03/20/85	NM-1		
05S/11E-13K01	M		11/20/84	NM-7		5050
			03/20/85	NM-1		
05S/11E-15M01	M	165.0	11/20/84	97.0(9)	68.0	5050
			03/20/85	97.0(9)	68.0	
05S/11E-22B01	M	185.0	11/20/84	117.0(9)	68.0	5050
			03/20/85	114.0	71.0	
05S/11E-23R01	M		11/20/84	NM-9		5050
		145.0	03/20/85	72.0	73.0	
05S/11E-25A01	M	150.0	11/20/84	84.0(9)	66.0	5050
05S/11E-35D01	M		11/20/84	NM-7		5050
		138.0	03/20/85	61.5	76.5	
05S/12E-01J01	M	250.0	11/07/84	148.0(9)	102.0	5050
			03/21/85	140.0	110.0	
05S/12E-01M01	M	252.0	11/07/84	161.0	91.0	5050
			03/21/85	144.0	108.0	
05S/12E-02G01	M	252.0	11/07/84	149.0(9)	103.0	5050
			03/21/85	NM-9		
05S/12E-04C01	M		11/20/84	NM-7		5050
			03/21/85	NM-5		
05S/12E-07F01	M	200.0	11/20/84	124.5(9)	75.5	5050
		198.0	03/21/85	131.5(9)	66.5	
05S/12E-07G01	M		11/20/84	NM-7		5050
		200.0	03/21/85	112.5(9)	87.5	
05S/12E-07H01	M		11/20/84	NM-7		5050
		195.0	03/21/85	130.5(9)	64.5	
05S/12E-07P01	M		11/20/84	NM-7		5050
		208.0	03/21/85	140.5(9)	67.5	
05S/12E-07Q01	M		11/20/84	NM-7		5050
		214.0	03/21/85	138.5(9)	75.5	
05S/12E-07R01	M		11/20/84	NM-7		5050
		200.0	03/21/85	134.5(9)	65.5	
05S/12E-08P01	M		11/20/84	NM-7		5050
		210.0	03/21/85	131.5	78.5	
05S/12E-11G01	M	252.0	11/07/84	163.0(9)	89.0	5050
			03/21/85	140.0	112.0	
05S/12E-11K01	M	250.0	11/07/84	150.5(9)	99.5	5050
			03/21/85	144.5	105.5	
05S/12E-12E01	M	250.0	11/07/84	166.0(1)	84.0	5050
			03/21/85	158.0(9)	92.0	
05S/12E-14M01	M	208.0	11/06/84	124.0(9)	84.0	5050
			03/21/85	121.0(9)	87.0	
05S/12E-15J01	M		03/21/85	NM-9		5050
05S/12E-16R01	M	202.0	11/06/84	128.0(9)	74.0	5050
			03/21/85	122.0(9)	80.0	
05S/12E-18C01	M		11/20/84	NM-7		5050
		204.5	03/21/85	134.5(9)	70.0	
05S/12E-18L01	M		11/20/84	NM-7		5050
		175.0	03/21/85	90.5	84.5	
05S/12E-19B01	M	168.0	11/20/84	101.5(9)	66.5	5050
			03/21/85	108.5(9)	59.5	
05S/12E-20E01	M		11/20/84	NM-7		5050
			03/21/85	NM-1		
05S/12E-21Q01	M	193.0	11/06/84	128.0(9)	65.0	5050
			03/21/85	124.0	69.0	
05S/12E-22H01	M	220.0	11/06/84	132.0(9)	88.0	5050
			03/21/85	128.0(9)	92.0	
05S/12E-22J01	M	220.0	11/06/84	131.0	89.0	5050
			03/21/85	128.0(9)	92.0	
05S/12E-23P01	M	225.0	11/06/84	133.5(9)	91.5	5050
			03/21/85	140.5(9)	84.5	
C5S/12E-26N01	M	205.0	11/06/84	103.5	101.5	5050
			03/21/85	107.5	97.5	
05S/12E-27A01	M		11/06/84	NM-9		5050
			03/21/85	NM-9		
05S/12E-28J01	M	189.0	11/06/84	106.5(9)	82.5	5050
			03/21/85	107.5	81.5	
05S/12E-30D01	M		11/20/84	NM-7		5050
		155.0	03/21/85	77.0	78.0	
05S/12E-30Q01	M	164.0	11/06/84	97.5(9)	66.5	5050
			03/21/85	84.5	79.5	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB						
8-08 SAN JOAQUIN VALLEY FLOOR HU						
8-08.F MONTPELIER HA						
05S/12E-31G01	M	155.0	11/06/84	82.0(9)	73.0	5050
			03/21/85	112.0	43.0	
05S/12E-31Q01	M	166.0	11/06/84	87.0(9)	79.0	5050
			03/21/85	75.0	91.0	
05S/12E-32B01	M		11/06/84	NM-0		5050
			03/21/85	NM-9		
05S/12E-32Q01	M	170.0	11/06/84	80.0	90.0	5050
			03/21/85	NM-1		
05S/12E-33N01	M	168.0	11/06/84	76.5(9)	91.5	5050
			03/21/85	79.5	88.5	
05S/12E-33R01	M	170.0	11/06/84	83.0(9)	87.0	5050
			03/21/85	79.5	90.5	
05S/12E-34A01	M	190.0	11/06/84	92.0(9)	98.0	5050
			03/21/85	92.0	98.0	
8-08.G EL NIDO-STEVINSON HA						
06S/09E-36L01	M	75.0	12/12/84	13.5	61.5	5050
06S/10E-35N02	M	90.0	10/16/84	20.0	70.0	5050
			12/12/84	19.0	71.0	
07S/09E-02R01	M	67.0	12/12/84	8.0	59.0	5050
07S/09E-04E01	M	65.2	11/28/84	2.6	62.6	5050
			04/17/85	6.4	58.8	
07S/09E-12K01	M	65.0	10/16/84	5.5	59.5	5050
			12/12/84	3.0	62.0	
07S/09E-13B01	M		12/12/84	NM-7		5050
07S/09E-23M01	M		04/17/85	NM-9		5050
07S/09E-23N02	M		04/17/85	NM-9		5050
07S/09E-24L01	M		04/17/85	NM-7		5050
07S/10E-03E01	M	85.0	10/16/84	13.5	71.5	5050
			12/12/84	13.5	71.5	
07S/10E-04L01	M	84.0	10/16/84	14.0	70.0	5050
			12/12/84	NM-7		
07S/10E-05R01	M	80.0	10/16/84	10.5	69.5	5050
			12/12/84	18.8	61.2	
07S/10E-07L01	M	71.0	10/16/84	6.4	64.6	5050
			12/12/84	7.4	63.6	
07S/10E-08M01	M	73.0	10/16/84	9.5	63.5	5050
			12/12/84	5.0	68.0	
07S/10E-10A01	M	85.0	12/12/84	12.0	73.0	5050
07S/10E-14K01	M	83.0	10/16/84	6.0	77.0	5050
			12/12/84	4.0	79.0	
07S/10E-15G01	M	80.0	10/16/84	5.0	75.0	5050
			12/12/84	5.0	75.0	
07S/10E-15N01	M	77.0	10/16/84	6.0	71.0	5050
			12/12/84	6.0	71.0	
07S/10E-17G01	M	75.0	10/16/84	5.0	70.0	5050
			12/12/84	NM-9		
07S/10E-22R01	M	78.0	10/16/84	8.0	70.0	5050
			12/12/84	4.0	74.0	
07S/10E-23K01	M	80.0	10/16/84	15.0	65.0	5050
			12/12/84	4.0	76.0	
07S/10E-23K02	M	80.0	10/16/84	4.7	75.3	5050
			12/12/84	2.0	78.0	
07S/11E-06A02	M	105.0	10/24/84	23.0	82.0	5525
07S/11E-07H01	M	97.0	10/24/84	13.0	84.0	5525
07S/11E-07L01	M	95.0	10/16/84	4.5	90.5	5050
			12/12/84	4.0	91.0	
07S/11E-10K01	M	106.0	10/24/84	22.0	84.0	5525
07S/11E-15H01	M	107.0	10/24/84	17.0	90.0	5525
07S/11E-16H01	M	100.0	10/16/84	18.0	82.0	5050
			12/12/84	12.0	88.0	
07S/11E-18B01	M	95.0	10/16/84	16.0	79.0	5050
			12/12/84	NM-9		
07S/11E-20Q01	M	90.0	10/16/84	9.0	81.0	5050
			12/12/84	4.5	85.5	
07S/11E-21P01	M	95.0	10/16/84	15.0	80.0	5050
			12/12/84	NM-1		
07S/11E-22D01	M	99.0	10/16/84	10.0	89.0	5050
			12/12/84	NM-9		
07S/11E-27H01	M	95.0	10/16/84	8.0	87.0	5050

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB						
8-08 SAN JOAQUIN VALLEY FLOOR HU						
8-08.G EL NIDO-STEVINSON HA						
07S/11E-27H01	M		12/12/84	NM-9		5050
07S/11E-28B02	M	92.0	10/16/84	11.0	81.0	5050
			12/12/84	2.0	90.0	
07S/11E-28J01	M	92.0	10/22/84	6.0	86.0	5050
			12/12/84	6.0	86.0	
07S/11E-33E01	M	86.0	10/22/84	5.0	81.0	5050
			12/12/84	1.5	84.5	
07S/12E-23D01	M	129.0	10/24/84	10.0	119.0	5525
07S/12E-31K02	M	100.0	10/22/84	13.5	86.5	5050
			12/13/84	NM-9		
07S/12E-34A01	M		12/13/84	NM-9		5050
07S/13E-06Q01	M	154.0	10/25/84	43.0	111.0	5525
07S/13E-09A01	M	165.0	10/25/84	29.0	136.0	5525
07S/13E-10N01	M	161.0	10/25/84	22.0	139.0	5525
07S/14E-13N01	M	200.0	10/16/84	23.0	177.0	5525
07S/14E-15H01	M	193.0	10/16/84	15.0	178.0	5525
07S/14E-22G01	M	191.0	10/16/84	33.0	158.0	5525
07S/14E-24H01	M	205.0	10/16/84	29.0	176.0	5525
07S/14E-28R01	M	181.0	10/16/84	26.0	155.0	5525
07S/14E-31M01	M	161.0	10/16/84	34.0	127.0	5525
07S/14E-34L01	M	183.0	10/16/84	18.0	165.0	5525
07S/15E-18K01	M	229.0	10/16/84	27.0	202.0	5525
07S/15E-30E01	M	205.0	10/16/84	23.0	182.0	5525
07S/15E-31R01	M	205.0	10/16/84	20.0	185.0	5525
07S/15E-32A01	M	219.0	10/16/84	11.0	208.0	5525
07S/15E-34R01	M	230.0	10/16/84	20.0	210.0	5525
08S/11E-03J01	M	90.0	10/22/84	6.5	83.5	5050
			12/13/84	4.5	85.5	
08S/11E-04E01	M	85.0	10/22/84	11.0	74.0	5050
			12/13/84	8.5	76.5	
08S/11E-10A01	M	87.0	10/22/84	11.5	75.5	5050
			12/13/84	7.0	80.0	
08S/11E-16Q01	M	85.0	10/22/84	11.0	74.0	5050
			12/13/84	NM-9		
08S/11E-22A01	M	85.0	10/22/84	12.8	72.2	5050
			12/13/84	12.0	73.0	
08S/12E-06G01	M	100.0	10/22/84	11.0	89.0	5050
			12/13/84	NM-9		
08S/12E-09H01	M	105.0	12/13/84	12.0	93.0	5050
08S/12E-17E02	M	96.0	10/22/84	15.2	80.8	5050
			12/13/84	NM-9		
08S/12E-19Q01	M	90.0	10/22/84	16.5	73.5	5050
			12/13/84	13.0	77.0	
08S/12E-22R01	M	110.0	10/23/84	17.0	93.0	5050
			12/13/84	NM-9		
08S/12E-27H01	M	105.0	10/23/84	6.5	98.5	5050
			12/13/84	NM-9		
08S/12E-31M01	M	95.0	10/23/84	24.5	70.5	5050
			12/13/84	20.0	75.0	
08S/12E-32K01	M		12/13/84	NM-9		5050
08S/13E-19H02	M	121.0	10/23/84	19.1	101.9	5050
			12/12/84	17.6	103.4	
08S/13E-24G01	M		12/12/84	NM-9		5050
08S/13E-26C01	M	136.0	10/23/84	21.0	115.0	5050
			12/12/84	7.5	128.5	
08S/13E-27C01	M	132.0	12/12/84	44.0	88.0	5050
08S/13E-28A01	M	130.0	10/23/84	14.5	115.5	5050
			12/12/84	14.5	115.5	
08S/13E-30J01	M	117.0	10/23/84	27.5	89.5	5050
			12/12/84	29.0	88.0	
08S/13E-31A01	M	118.0	10/23/84	12.0	106.0	5050
			12/12/84	NM-9		
08S/13E-32R01	M	119.0	10/23/84	37.0	82.0	5050
			12/12/84	31.0	88.0	
08S/13E-34L01	M	127.0	10/23/84	27.0	100.0	5050
			12/12/84	29.0	98.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB						
8-08 SAN JOAQUIN VALLEY FLOOR HU						
8-08.G EL NIDO-STEVINSON HA						
08S/13E-36H01	M	145.0	10/23/84	23.5	121.5	5050
			12/12/84	25.5	119.5	
08S/13E-36R01	M	148.0	10/23/84	30.0	118.0	5050
			12/12/84	41.0	107.0	
08S/14E-05A02	M	171.0	10/16/84	38.0	133.0	5525
08S/14E-17L01	M		12/12/84	NM-9		5050
08S/14E-20J01	M	161.0	10/23/84	69.0	92.0	5050
			12/12/84	NM-9		
08S/14E-29E01	M	152.0	10/23/84	16.0	136.0	5050
			12/12/84	17.0	135.0	
08S/14E-30G01	M	150.0	10/23/84	58.0	92.0	5050
			12/12/84	55.0	95.0	
08S/14E-32L01	M		10/01/84	NM-1		5001
			02/04/85	NM-9		
08S/15E-16P01	M	211.0	10/24/84	83.0	128.0	5050
			12/12/84	82.0	129.0	
08S/15E-17P01	M	207.0	10/24/84	78.5(9)	128.5	5050
			12/12/84	73.5(9)	133.5	
08S/15E-20L01	M	202.0	10/24/84	83.0(9)	119.0	5050
			12/12/84	78.0(9)	124.0	
08S/15E-34L01	M	217.0	10/24/84	108.0	109.0	5050
			12/12/84	130.0	87.0	
08S/15E-36G01	M	225.0	10/24/84	130.0	95.0	5050
			12/12/84	122.0	103.0	
08S/16E-31C01	M	238.0	10/24/84	138.0(9)	100.0	5050
			12/12/84	133.0(9)	105.0	
09S/12E-01C01	M	110.5	10/23/84	17.5	93.0	5050
			12/13/84	11.5	99.0	
09S/12E-03C01	M	100.0	10/23/84	10.5	89.5	5050
			12/13/84	NM-1		
09S/12E-03N01	M	109.0	10/23/84	21.0	88.0	5050
			12/13/84	23.0	86.0	
09S/12E-04G01	M	95.0	10/23/84	11.0	84.0	5050
			12/13/84	11.0	84.0	
09S/12E-04L01	M	95.0	10/23/84	12.0	83.0	5050
			12/13/84	12.0	83.0	
09S/12E-06C01	M	95.0	10/23/84	25.5	69.5	5050
			12/13/84	25.0	70.0	
09S/12E-11R01	M	102.0	12/13/84	10.0	92.0	5050
09S/12E-14C01	M	100.0	10/23/84	6.7	93.3	5050
			12/13/84	7.5	92.5	
09S/13E-02D01	M	127.2	10/01/84	27.2	100.0	5001
			02/04/85	27.3	99.9	
09S/13E-02P01	M	129.0	10/01/84	73.6	55.4	5001
			02/04/85	33.5	95.5	
09S/13E-10P02	M		10/01/84	NM-1		5001
			02/04/85	NM-9		
09S/13E-11K01	M	131.0	10/01/84	42.8	88.2	5001
			02/04/85	31.8	99.2	
09S/13E-12R01	M	139.0	10/01/84	50.9	88.1	5001
			02/04/85	46.8	92.2	
09S/13E-13F01	M	135.0	10/01/84	97.0	38.0	50C1
			01/30/85	50.0	85.0	
09S/13E-14N01	M	133.0	10/01/84	107.5	25.5	5001
			01/30/85	52.0	81.0	
09S/13E-15J01	M	125.5	10/01/84	86.8	38.7	5001
			02/04/85	44.6	80.9	
09S/13E-16E01	M		10/01/84	NM-5		5001
			02/04/85	NM-6		
09S/13E-17C01	M		10/01/84	NM-5		5001
			02/04/85	NM-9		
09S/13E-21H01	M	119.0	10/01/84	83.3	35.7	5001
			02/04/85	48.3	70.7	
09S/13E-22H02	M	125.5	10/01/84	78.8	46.7	5001
			02/04/85	56.8	68.7	
09S/13E-23H01	M	132.5	10/01/84	95.0	37.5	5001
			01/30/85	59.0	73.5	
09S/13E-24A01	M	142.0	10/01/84	87.5	54.5	5001
			01/30/85	59.0	83.0	
09S/13E-25H01	M	142.0	10/01/84	67.0	75.0	5001
			01/30/85	64.5	77.5	
09S/13E-25L01	M	136.0	10/01/84	80.0	56.0	5001
09S/13E-25L01	M	136.0	01/30/85	68.0	68.0	5001
09S/13E-26J02	M	129.5	10/01/84	70.0	59.5	5001
			01/30/85	71.0	58.5	
09S/13E-33P01	M	114.0	10/23/84	11.0	103.0	5050
			12/13/84	11.9	102.1	
09S/13E-33P02	M	115.0	10/01/84	9.3	105.7	5001
			12/13/84	NM-0		5050
			02/05/85	12.3	102.7	5001
09S/13E-36A01	M	136.0	10/01/84	95.2	40.8	5001
			02/04/85	62.7	73.3	
09S/14E-01A01	M	188.0	11/05/84	60.3	127.7	5001
			01/23/85	52.0	136.0	
09S/14E-01B01	M	180.0	10/24/84	69.5	110.5	5050
			12/12/84	60.0	120.0	
09S/14E-01B02	M	180.0	10/24/84	66.5	113.5	5050
			12/12/84	55.0	125.0	
09S/14E-01B03	M	180.0	10/24/84	23.0	157.0	5050
			12/12/84	30.0	150.0	
09S/14E-05P01	M		10/01/84	NM-1		5001
		150.0	02/04/85	24.2	125.8	
09S/14E-06Q01	M	141.0	10/01/84	32.3	108.7	5001
			02/04/85	32.1	108.9	
09S/14E-06P01	M	142.0	10/01/84	38.0	104.0	5001
			02/04/85	27.9	114.1	
09S/14E-08A01	M	153.0	10/01/84	147.8	5.2	5001
			02/04/85	40.2	112.8	
09S/14E-11C01	M	172.0	11/07/84	51.5	120.5	5001
			01/23/85	39.8	132.2	
09S/14E-11F01	M	171.0	11/07/84	33.9	137.1	5001
			01/23/85	NM-9		
09S/14E-12A01	M	185.0	10/01/84	98.3	86.7	5001
			02/04/85	49.7	135.3	
09S/14E-12R01	M	187.5	11/05/84	60.0	127.5	5001
			01/23/85	46.0	141.5	
09S/14E-13J01	M	190.0	11/07/84	65.5	124.5	5001
			01/23/85	61.0	129.0	
09S/14E-13K01	M	186.0	11/07/84	60.1	125.9	5001
			01/23/85	47.1	138.9	
09S/14E-13R01	M	188.0	11/07/84	61.8	126.2	5001
			01/23/85	61.0	127.0	
09S/14E-14E01	M	170.0	11/07/84	5.0	165.0	5001
			01/23/85	NM-4		
09S/14E-14K01	M		11/07/84	NM-5		5001
			01/23/85	NM-5		
09S/14E-14L01	M	175.0	11/07/84	15.7	159.3	5001
			01/23/85	NM-5		
09S/14E-14R01	M	177.0	10/24/84	26.5	150.5	5050
			12/12/84	44.0	133.0	
09S/14E-15P01	M	166.0	11/07/84	11.5	154.5	5001
			01/23/85	NM-4		
09S/14E-17P01	M	152.0	10/01/84	37.5	114.5	5001
			01/30/85	36.5	115.5	
09S/14E-18L01	M	144.0	10/01/84	52.0	92.0	5001
			01/30/85	49.0	95.0	
09S/14E-18N01	M	143.0	10/01/84	69.5	73.5	5001
			01/30/85	55.0	88.0	
09S/14E-19A01	M	148.0	10/01/84	89.0	59.0	5001
			01/30/85	49.5	98.5	
09S/14E-19E01	M	141.0	10/01/84	61.5	79.5	5001
			01/30/85	59.5	81.5	
09S/14E-20B01	M	152.0	10/01/84	56.0	96.0	5001
			01/30/85	54.0	98.0	
09S/14E-20P01	M	149.5	10/01/84	63.9	85.6	5001
			01/30/85	49.0	100.5	
09S/14E-21C01	M	160.0	10/01/84	30.0	130.0	5001
			01/30/85	28.0	132.0	
09S/14E-21P01	M	157.5	10/01/84	31.0	126.5	5001
			01/30/85	43.0	114.5	
09S/14E-22A01	M	170.0	11/07/84	57.4	112.6	5001
			01/23/85	NM-4		
09S/14E-23A01	M	178.0	10/24/84	79.5	98.5	5050
			12/12/84	64.0	114.0	
09S/14E-27R01	M	168.5	11/05/84	35.0	133.5	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
B SAN JOAQUIN HB						
B-08 SAN JOAQUIN VALLEY FLOOR HU						
B-08.G EL NIDO-STEVINSON HA						
09S/14E-27R01	M	168.5	01/23/85	33.9	134.6	5001
09S/14E-28L01	M	157.0	10/01/84	40.0	117.0	5001
			01/30/85	42.5	114.5	
09S/14E-28R01	M	160.0	10/01/84	52.0	108.0	5001
			01/30/85	48.5	111.5	
09S/14E-29L01	M	150.0	10/01/84	80.0	70.0	5001
			01/30/85	59.0	91.0	
09S/14E-29R01	M	150.5	10/01/84	71.5	79.0	5001
			01/30/85	59.0	91.5	
09S/14E-30B02	M	145.0	10/01/84	67.5	77.5	5001
			01/30/85	60.5	84.5	
09S/14E-30J01	M	143.0	10/01/84	67.0	76.0	5001
			01/30/85	61.0	82.0	
09S/14E-32C01	M	148.0	10/01/84	70.0	78.0	5001
			01/30/85	62.0	86.0	
09S/15E-02A01	M	226.0	11/02/84	123.0	103.0	5001
			02/05/85	NM-5		
09S/15E-03D01	M	214.5	11/02/84	102.5	112.0	5001
			01/24/85	NM-5		
09S/15E-04R01	M	212.0	11/05/84	97.0	115.0	5001
			01/22/85	72.5	139.5	
09S/15E-05A01	M	204.0	11/05/84	88.0	116.0	5001
			01/24/85	NM-8		
09S/15E-06P01	M	191.0	11/05/84	68.1	122.9	5001
			01/22/85	55.0	136.0	
09S/15E-07H01	M		11/05/84	NM-4		5001
			01/22/85	NM-4		
09S/15E-08A01	M	204.0	11/05/84	82.7	121.3	5001
			01/22/85	70.4	133.6	
09S/15E-09P01	M	208.0	11/05/84	89.4	118.6	5001
			01/24/85	NM-8		
09S/15E-10A01	M	221.0	11/05/84	99.1	121.9	5001
			01/24/85	NM-5		
09S/15E-10P01	M	215.0	11/05/84	99.3	115.7	5001
			01/23/85	93.9	121.1	
09S/15E-11F01	M	223.0	11/07/84	110.0	113.0	5001
			01/23/85	NM-5		
09S/15E-12B01	M	235.0	11/02/84	133.2	101.8	5001
			01/23/85	61.5	173.5	
09S/15E-12C01	M	231.5	11/02/84	128.0	103.5	5001
			01/23/85	120.0	111.5	
09S/15E-13A01	M	237.0	11/02/84	135.8	101.2	5001
			01/23/85	120.9	116.1	
09S/15E-13E02	M	231.0	11/02/84	116.6	114.4	5001
			01/23/85	83.0	148.0	
09S/15E-14A01	M	225.5	11/05/84	123.9	101.6	5001
			01/23/85	66.5	159.0	
09S/15E-15P02	M	215.0	11/07/84	93.3	121.7	5001
			01/23/85	NM-4		
09S/15E-16E01	M		11/07/84	NM-4		5001
		203.0	01/22/85	65.7	137.3	
09S/15E-17R01	M	204.0	11/07/84	78.3	125.7	5001
			01/22/85	NM-3		
09S/15E-18J01	M	195.0	11/07/84	70.4	124.6	5001
			01/22/85	68.0	127.0	
09S/15E-20C01	M	200.0	11/07/84	73.5	126.5	5001
			01/22/85	NM-3		
09S/15E-29D01	M	195.0	11/07/84	27.5	167.5	5001
			01/22/85	NM-1		
09S/16E-07C01	M	240.0	11/02/84	136.0	104.0	5001
			01/22/85	61.0	179.0	
09S/16E-12F01	M	280.0	11/01/84	85.6	194.4	5001
			01/28/85	20.3	259.7	
10S/13E-02F01	M	125.0	10/01/84	54.7	70.3	5001
			02/04/85	45.7	79.3	
10S/13E-04R02	M	117.0	10/01/84	5.1	111.9	5001
			02/04/85	11.4	105.6	
10S/13E-15A01	M		10/02/84	NM-1		5001
			02/05/85	NM-4		
10S/14E-06B01	M		10/02/84	NM-1		5001
		140.0	02/05/85	78.4	61.6	
10S/14E-27H01	M	150.0	11/08/84	45.1	104.9	5001
			01/25/85	NM-5		

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
B SAN JOAQUIN HB						
B-08 SAN JOAQUIN VALLEY FLOOR HU						
B-08.H MERCED HA						
05S/12E-25L01	M	140.0	11/06/84	22.5	117.5	5050
			03/21/85	19.5	120.5	
06S/10E-36A01	M	104.0	10/16/84	25.0	79.0	5050
			12/12/84	25.0	79.0	
06S/11E-22K01	M	110.0	12/12/84	20.5	89.5	5050
06S/11E-24A01	M	140.0	10/25/84	52.0	88.0	5525
06S/11E-24H01	M	138.0	10/25/84	56.0	82.0	5525
06S/11E-25R01	M	126.0	10/24/84	25.0	101.0	5525
06S/11E-28Q01	M	119.0	10/24/84	30.0	89.0	5525
06S/11E-29J01	M	115.0	10/16/84	30.5	84.5	5050
			12/12/84	29.5	85.5	
06S/11E-32L01	M	114.0	10/16/84	25.0	89.0	5050
			12/12/84	28.0	86.0	
06S/11E-35J01	M	122.0	10/24/84	22.0	100.0	5525
06S/11E-36P01	M	120.0	10/24/84	17.0	103.0	5525
06S/12E-10E01	M	175.0	10/25/84	72.0	103.0	5525
06S/12E-13E01	M	185.0	10/25/84	70.0	115.0	5525
06S/12E-14K01	M	180.0	10/25/84	67.0	113.0	5525
06S/12E-16FC1	M	160.0	10/25/84	65.0	95.0	5525
06S/12E-17J01	M	155.0	10/25/84	64.0	91.0	5525
06S/12E-19D01	M	142.0	10/25/84	62.0	80.0	5525
06S/12E-20D01	M	147.0	10/25/84	52.0	95.0	5525
06S/12E-22E01	M	160.0	10/25/84	46.0	114.0	5525
06S/12E-22P01	M	158.0	10/24/84	45.0	113.0	5525
06S/12E-23H01	M	170.0	10/24/84	43.0	127.0	5525
06S/12E-26D02	M	158.0	10/24/84	42.0	116.0	5525
06S/12E-27P01	M	150.0	10/25/84	43.0	107.0	5525
06S/12E-29J01	M	145.0	10/25/84	38.0	107.0	5525
06S/12E-30C01	M	139.0	10/25/84	48.0	91.0	5525
06S/12E-31M01	M	130.0	10/24/84	34.0	96.0	5525
06S/12E-31R01	M	126.0	10/24/84	24.0	102.0	5525
06S/12E-33B01	M	150.0	10/25/84	53.0	97.0	5525
06S/12E-33D01	M	145.0	10/24/84	40.0	105.0	5525
06S/12E-33Q01	M	140.0	10/24/84	34.0	106.0	5525
06S/12E-34A01	M	155.0	10/25/84	42.0	113.0	5525
06S/13E-05J01	M	225.0	10/25/84	97.0	128.0	5525
06S/13E-06R01	M	220.0	10/25/84	90.0	130.0	5525
07S/11E-01H01	M		12/12/84	NM-7		5050
07S/11E-02A01	M	120.0	10/24/84	25.0	95.0	5525
07S/11E-03D01	M	109.0	10/24/84	13.0	96.0	5525
07S/11E-04M01	M	103.0	10/24/84	9.0	94.0	5525
07S/11E-05F01	M	105.0	10/24/84	22.0	83.0	5525
07S/11E-14A01	M	110.0	10/24/84	18.0	92.0	5525
07S/11E-24D01	M	104.0	10/24/84	12.0	92.0	5525
07S/12E-03J01	M	150.0	10/24/84	31.0	119.0	5525
07S/12E-04KC1	M	136.5	10/24/84	32.0	104.5	5525
07S/12E-06N01	M	115.0	10/24/84	20.0	95.0	5525
07S/12E-08E01	M	120.0	10/24/84	22.0	98.0	5525
07S/12E-09R02	M	140.0	10/25/84	36.0	104.0	5525
07S/12E-10F02	M	142.0	10/25/84	29.0	113.0	5525
07S/12E-12N01	M	144.0	10/25/84	22.0	122.0	5525
07S/12E-14C01	M	143.0	10/24/84	21.0	122.0	5525
07S/12E-15B01	M	129.0	10/24/84	7.0	122.0	5525
07S/12E-16C01	M	119.0	10/24/84	6.0	113.0	5525
07S/12E-17D01	M	120.0	10/24/84	20.0	100.0	5525
07S/12E-24J01	M	136.0	10/25/84	15.0	121.0	5525
07S/12E-25A01	M	130.0	10/24/84	8.0	122.0	5525

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CD	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB						
8-08 SAN JOAQUIN VALLEY FLOOR HU						
8-08.H MERCED HA						
07S/12E-29C01	M	112.0	10/22/84	12.5	99.5	5050
			12/13/84	12.0	100.0	
07S/13E-16N02	M	149.0	10/25/84	11.0	138.0	5525
07S/13E-18E01	M	145.0	10/25/84	16.0	129.0	5525
07S/13E-18K01	M	145.0	10/25/84	22.0	123.0	5525
07S/13E-19H01	M	143.0	10/25/84	3.0	140.0	5525
07S/13E-21K01	M	150.0	10/25/84	26.0	124.0	5525
07S/13E-22R01	M	155.0	10/25/84	25.0	130.0	5525
07S/13E-30R02	M	135.0	10/25/84	8.0	127.0	5525
07S/13E-34A01	M	150.0	10/25/84	23.0	127.0	5525
07S/13E-34J01	M	145.0	10/25/84	21.0	124.0	5525
07S/13E-36H01	M	159.0	10/25/84	40.0	119.0	5525
08S/14E-02A01	M	190.0	10/16/84	24.0	166.0	5525
08S/14E-03L01	M		12/12/84	NM-7		5050
08S/14E-04R01	M	175.0	10/16/84	41.0(9)	134.0	5525
08S/14E-11K01	M	187.0	10/16/84	37.0	150.0	5525
			12/12/84	NM-7		5050
08S/14E-12A01	M	197.0	10/16/84	30.0	167.0	5525
08S/14E-13A01	M	195.0	10/16/84	60.0	135.0	5525
08S/14E-13L02	M	190.0	10/16/84	29.0	161.0	5525
			12/12/84	NM-7		5050
08S/14E-14B01	M	185.0	10/16/84	15.0	170.0	5525
08S/14E-15R02	M	176.0	10/16/84	32.0	144.0	5525
08S/14E-24A01	M	190.0	10/16/84	32.0	158.0	5525
08S/14E-24N01	M	182.0	10/23/84	48.0	134.0	5050
			12/12/84	NM-9		
08S/14E-26H01	M	183.0	10/23/84	68.0	115.0	5050
			12/12/84	NM-9		
08S/14E-33R01	M	159.5	11/05/84	10.0	149.5	5001
			01/23/85	NM-5		
08S/14E-35N01	M	174.5	11/05/84	64.5	110.0	5001
			01/23/85	DRY		
08S/15E-06H01	M	205.0	10/16/84	18.0	187.0	5525
08S/15E-07J01	M	205.0	10/24/84	60.0	145.0	5050
			12/12/84	58.0	147.0	
08S/15E-15P01	M	220.0	10/24/84	89.0	131.0	5050
			12/12/84	81.0	139.0	
08S/15E-16C01	M	215.0	10/24/84	77.5	137.5	5050
			12/12/84	72.0	143.0	
08S/15E-24C01	M	239.0	10/24/84	99.5	139.5	5050
08S/15E-25J01	M		10/01/84	NM-7		5001
			02/04/85	NM-9		
08S/15E-26L01	M	224.0	10/24/84	114.0	110.0	5050
08S/15E-28R01	M		12/12/84	NM-9		5050
08S/15E-29L01	M	205.0	10/24/84	43.5	161.5	5050
			12/12/84	47.0	158.0	
08S/16E-19D01	M	243.0	10/24/84	88.0	155.0	5050
			12/12/84	104.0	139.0	
08S/16E-33R01	M	271.0	11/05/84	143.8	127.2	5001
			02/04/85	136.0	135.0	
8-08.J FAHR CREEK HA						
06S/13E-07H01	M	214.0	10/25/84	99.0	115.0	5525
08S/16E-34J01	M	280.0	11/01/84	131.4	148.6	5001
			02/04/85	140.9	139.1	
09S/17E-04K01	M		10/01/84	NM-7		5001
		335.0	02/04/85	147.9	187.1	
09S/17E-06J01	M	316.0	10/03/84	64.5	251.5	5001
			02/05/85	70.1	245.9	
09S/17E-07D01	M	287.0	11/07/84	47.0	240.0	5001
			02/04/85	47.5	239.5	
8-08.K GRAVELLY FORD HA						
10S/13E-13J01	M	131.0	10/01/84	38.4	92.6	5001
			02/05/85	44.0	87.0	
10S/13E-22R01	M		10/02/84	NM-1		5001
		119.0	02/05/85	17.9	101.1	
10S/13E-24L01	M		10/02/84	NM-5		5001
		127.0	02/05/85	29.4	97.6	
10S/13E-35K01	M	122.0	10/02/84	17.8	104.2	5001
			02/05/85	15.6	106.4	
10S/14E-05C03	M	146.5	11/08/84	81.0	65.5	5001
			02/04/85	NM-3		
10S/14E-06R01	M		10/02/84	NM-1		5001
		141.0	02/05/85	87.1	53.9	
10S/14E-08B03	M	147.0	11/05/84	68.5	78.5	5001
			02/04/85	NM-5		
10S/14E-08N01	M	142.4	11/08/84	71.5	70.9	5001
			02/04/85	NM-5		
10S/14E-16F02	M	148.0	11/08/84	57.5	90.5	5001
			01/25/85	59.3	88.7	
10S/14E-16H01	M	150.0	11/08/84	63.9	86.1	5001
			01/25/85	54.7	95.3	
10S/14E-17J01	M	140.0	11/08/84	57.0	83.0	5001
			01/25/85	25.4	114.6	
10S/14E-18K01	M	135.0	11/08/84	43.0	92.0	5001
			02/01/85	44.0	91.0	
10S/14E-19A02	M	135.0	11/08/84	37.0	98.0	5001
			01/25/85	NM-4		
10S/14E-20H02	M	142.5	11/08/84	44.5	98.0	5001
			01/25/85	47.9	94.6	
10S/14E-21C03	M	145.0	11/08/84	53.0	92.0	5001
			01/25/85	NM-3		
10S/14E-21G01	M	147.0	11/08/84	52.9	94.1	5001
			01/25/85	50.5	96.5	
10S/14E-28B01	M	144.0	11/08/84	36.0	108.0	5001
			02/01/85	33.0	111.0	
10S/14E-29C02	M	137.0	11/08/84	70.1	66.9	5001
			02/01/85	24.0	113.0	
10S/14E-31H01	M	131.0	10/02/84	10.2	120.8	5001
			02/05/85	10.6	120.4	
10S/14E-32Q01	M	132.5	10/02/84	7.4	125.1	5001
			02/05/85	10.1	122.4	
10S/14E-33L02	M	137.0	11/08/84	12.5	124.5	5001
			02/01/85	15.0	122.0	
10S/14E-35F01	M	151.0	10/02/84	42.3	108.7	5001
			02/05/85	36.5	114.5	
10S/16E-31J01	M	198.0	11/10/84	59.6	138.4	5001
			01/30/85	NM-4		
10S/16E-32D02	M	202.0	11/10/84	60.2	141.8	5001
			01/30/85	NM-4		
11S/14E-01R01	M	150.0	11/10/84	25.5	124.5	5001
			01/25/85	35.7	114.3	
11S/14E-03G01	M	143.0	11/08/84	9.9	133.1	5001
			02/01/85	NM-5		
11S/14E-04C01	M	135.0	11/08/84	10.1	124.9	5001
			02/01/85	11.5	123.5	
11S/14E-07N01	M	127.5	10/02/84	40.4	87.1	5001
			02/11/85	NM-9		
			09/30/85	NM-4		
11S/14E-08RC1	M	132.5	10/02/84	21.9	110.6	5001
			02/11/85	11.2	121.3	
			09/30/85	32.1	100.4	
11S/14E-09A03	M	136.5	10/02/84	18.6	117.9	5001
			02/11/85	15.6	120.9	
			09/30/85	NM-1		
11S/14E-12E01	M	148.0	10/02/84	19.2	128.8	5001
			02/11/85	NM-9		
11S/14E-13R01	M	150.0	10/03/84	31.5	118.5	5001
			02/11/85	23.4	126.6	
11S/14E-16A01	M		10/03/84	NM-1		5001
		135.5	02/11/85	17.5	118.0	
11S/14E-17J01	M	130.5	10/03/84	10.7	119.8	5001
			02/11/85	10.3	120.2	
11S/14E-25L02	M	146.0	10/03/84	32.1	113.9	5001
			02/11/85	32.3	113.7	
11S/14E-33L01	M		10/03/84	NM-1		5001
		135.0	02/11/85	13.1	121.9	
11S/14E-33N01	M		10/03/84	NM-1		5001
		134.0	02/11/85	16.9	117.1	
11S/14E-36R01	M		10/03/84	NM-4		5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8		SAN JOAQUIN HB				
8-08		SAN JOAQUIN VALLEY FLOOR HU				
8-08.K		GRAVELLY FORD HA				
11S/14E-36R01	M		02/11/85	NM-4		5001
11S/15E-01A01	M	188.0	10/01/84	44.0	144.0	5001
			01/31/85	39.6	148.4	
11S/15E-01H02	M	187.0	11/10/84	57.0	130.0	5001
			01/31/85	60.5	126.5	
11S/15E-02C01	M	177.0	11/10/84	26.3	150.7	5001
			01/31/85	43.5	133.5	
11S/15E-02R01	M	179.0	10/01/84	56.0	123.0	5001
			01/31/85	45.9	133.1	
11S/15E-07R01	M		11/10/84	NM-4		5001
		157.0	02/01/85	30.4	126.6	
11S/15E-10J01	M	172.0	10/01/84	57.8	114.2	5001
			01/31/85	50.9	121.1	
11S/15E-14G01	M	175.0	10/01/84	67.9	107.1	5001
			01/31/85	42.3	132.7	
11S/15E-17P01	M	156.0	10/03/84	31.5	124.5	5001
			02/11/85	NM-9		
11S/15E-20Q01	M	158.4	10/03/84	43.1	115.3	5001
			02/11/85	36.1	122.3	
11S/15E-25A01	M	180.0	10/01/84	86.0	94.0	5001
			01/31/85	65.9	114.1	
11S/15E-26R01	M		10/03/84	NM-5		5001
		175.0	02/11/85	18.8	156.2	
11S/15E-29H01	M		10/03/84	NM-1		5001
		157.5	02/11/85	39.2	118.3	
11S/15E-30A01	M	153.0	10/03/84	40.1	112.9	5001
			02/11/85	33.4	119.6	
11S/15E-31J01	M	151.0	10/03/84	50.6	100.4	5001
			02/11/85	NM-9		
11S/15E-35P01	M		10/03/84	NM-1		5001
			02/11/85	NM-9		
11S/16E-17D01	M	190.5	10/05/84	101.9	88.6	5001
			02/01/85	60.1	130.4	
11S/16E-18D01	M	183.0	10/05/84	76.5	106.5	5001
			02/01/85	61.5	121.5	
11S/16E-19R01	M	186.0	10/05/84	95.7	90.3	5001
			01/31/85	64.9	121.1	
11S/16E-32R01	M	190.9	10/05/84	87.6	103.3	5001
			01/31/85	80.4	110.5	
11S/16E-34D01	M	200.0	10/05/84	84.0	116.0	5001
			01/31/85	78.6	121.4	
11S/17E-14M02	M	257.5	10/05/84	80.1	177.4	5001
			02/01/85	76.4	181.1	
11S/17E-16H01	M	248.0	10/05/84	101.2	146.8	5001
			02/01/85	86.5	161.5	
11S/17E-17C01	M	225.0	10/05/84	90.3	134.7	5001
			02/01/85	79.1	145.9	
11S/17E-18B01	M	232.0	10/05/84	80.2	151.8	5001
			02/01/85	74.9	157.1	
11S/17E-18N01	M	225.0	10/04/84	97.1	127.9	5001
			02/01/85	75.6	149.4	
11S/17E-19P01	M	226.8	10/04/84	83.1	143.7	5001
			01/31/85	81.6	145.2	
11S/17E-24D02	M	266.0	10/04/84	93.7	172.3	5001
			01/31/85	83.9	182.1	
11S/17E-27C01	M	250.6	10/04/84	88.8	161.8	5001
			01/31/85	81.3	169.3	
11S/17E-28A01	M	247.0	10/04/84	98.6	148.4	5001
			01/31/85	85.2	161.8	
11S/17E-32C01	M	234.1	10/04/84	94.0	140.1	5001
			01/31/85	77.9	156.2	
11S/17E-32R01	M	236.1	10/04/84	92.7	143.4	5001
			01/31/85	83.8	152.3	
11S/17E-33H01	M	245.0	10/04/84	98.0	147.0	5001
			01/31/85	87.0	158.0	
11S/17E-35C01	M	255.9	10/04/84	97.8	158.1	5001
			01/31/85	89.9	166.0	
12S/14E-01N01	M		10/03/84	NM-7		5001
			02/11/85	NM-4		
12S/14E-04P01	M	135.0	10/03/84	14.0	121.0	5001
			02/07/85	17.8	117.2	
12S/14E-12N01	M		10/03/84	NM-7		5001
		146.0	02/07/85	19.4	126.6	

STATE WELL NUMBER		CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8			SAN JOAQUIN HB				
8-08			SAN JOAQUIN VALLEY FLOOR HU				
8-08.K			GRAVELLY FORD HA				
12S/14E-21H01	M		146.0	10/03/84	10.2	135.8	5001
				02/07/85	11.9	134.1	
12S/14E-21P01	M		145.0	10/03/84	13.4	131.6	5001
				02/07/85	NM-9		
				09/30/85	12.7	132.3	
12S/14E-25H01	M		150.0	10/03/84	16.0	134.0	5001
				02/07/85	16.9	133.1	
				09/30/85	NM-9		
12S/14E-26M01	M		146.5	10/03/84	7.4	139.1	5001
				02/07/85	9.1	137.4	
				09/30/85	6.2	140.3	
12S/14E-27D01	M		145.5	10/03/84	10.5	135.0	5001
				02/07/85	9.0	136.5	
				09/30/85	10.0	135.5	
12S/15E-01R01	M		175.5	10/03/84	88.1	87.4	5001
				02/07/85	77.2	98.3	
				09/30/85	92.0	83.5	
12S/15E-11R01	M		170.5	10/03/84	94.9	75.6	5001
				02/07/85	NM-1		
				09/30/85	95.5	75.0	
12S/15E-12R01	M			10/04/84	NM-4		5001
				02/12/85	NM-4		
12S/15E-13R01	M		174.0	10/04/84	100.0	74.0	5001
				02/12/85	67.5	106.5	
12S/15E-16A01	M		161.0	10/04/84	42.9	118.1	5001
				02/12/85	NM-9		
12S/15E-17E01	M			10/04/84	NM-7		5001
				02/12/85	NM-9		
12S/15E-23A01	M		170.0	10/04/84	82.5	87.5	5001
				02/12/85	2.5	167.5	
12S/15E-25G02	M		172.5	10/04/84	92.8	79.7	5001
				02/12/85	55.4	117.1	
12S/15E-27C01	M		163.0	10/04/84	49.4	113.6	5001
				02/12/85	NM-9		
12S/15E-29C01	M		154.5	10/04/84	27.0	127.5	5001
				02/12/85	24.7	129.8	
12S/15E-32B02	M		155.0	10/04/84	24.5	130.5	5001
				02/12/85	23.4	131.6	
12S/15E-33R01	M		160.0	10/04/84	26.1	133.9	5001
				02/12/85	NM-9		
12S/15E-34K01	M		163.0	10/04/84	34.6	128.4	5001
				02/12/85	29.4	133.6	
12S/15E-34R01	M		166.0	10/04/84	36.6	129.4	5001
				02/12/85	31.3	134.7	
12S/16E-02N01	M		200.6	10/01/84	69.1	131.5	5001
				01/30/85	61.9	138.7	
				09/30/85	65.4	135.2	
12S/16E-04A01	M		195.0	10/03/84	76.2	118.8	5001
				01/30/85	74.2	120.8	
12S/16E-06A01	M		183.7	10/04/84	103.0	80.7	5001
				02/11/85	95.9	87.8	
12S/16E-16R01	M		191.0	10/03/84	85.1	105.9	5001
				01/30/85	70.8	120.2	
12S/16E-17R01	M			10/04/84	NM-6		5001
12S/16E-19P01	M		175.5	10/04/84	97.2	78.3	5001
				02/11/85	63.0	112.5	
12S/16E-23A01	M		205.4	10/03/84	89.1	116.3	5001
				01/30/85	78.2	127.2	
12S/16E-23H01	M			10/04/84	NM-1		5001
			202.5	02/11/85	105.8	96.7	
12S/16E-24A02	M		209.5	10/03/84	85.7	123.8	5001
				01/30/85	NM-0		
12S/16E-25A01	M		208.0	10/03/84	75.9	132.1	5001
				01/30/85	63.8	144.2	
12S/16E-26H01	M		200.0	10/04/84	84.9	115.1	5001
				02/11/85	65.3	134.7	
12S/16E-26R01	M			10/04/84	NM-4		5001
			201.6	02/11/85	70.6	131.0	
12S/16E-31G01	M		177.5	10/04/84	74.9	102.6	5001
				02/11/85	59.9	117.6	
12S/16E-36A01	M		207.2	10/03/84	72.9	134.3	5001
				01/30/85	61.9	145.3	
12S/17E-20P01	M		218.0	10/03/84	83.4	134.6	5001
				01/30/85	72.9	145.1	
13S/15E-02G01	M		164.5	10/10/84	38.1	126.4	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB						
8-08 SAN JOAQUIN VALLEY FLOOR HU						
8-08.K GRAVELLY FORD HA						
13S/15E-02G01	M	164.5	02/11/85	30.4	134.1	5001
13S/15E-11B01	M	165.0	10/05/84	36.6	128.4	5001
			02/11/85	30.3	134.7	
13S/15E-14M01	M	164.0	10/10/84	37.6	126.4	5001
			02/06/85	31.0	133.0	
13S/15E-17A02	M	159.0	10/10/84	15.3	143.7	5001
			02/12/85	25.9	133.1	
13S/15E-20G01	M	160.0	10/10/84	17.2	142.8	5001
			02/07/85	12.8	147.2	
13S/15E-20G02	M	160.0	10/10/84	21.7	138.3	5001
			02/07/85	20.9	139.1	
13S/15E-21K01	M	161.0	10/04/84	16.5	144.5	5001
			02/07/85	13.7	147.3	
13S/15E-25F01	M	170.0	10/04/84	44.2	125.8	5001
			02/07/85	44.0	126.0	
13S/15E-25L01	M	170.0	10/04/84	44.4	125.6	5001
			02/07/85	56.8	113.2	
13S/15E-25N02	M	170.0	10/04/84	42.4	127.6	5001
			02/07/85	44.0	126.0	
13S/15E-26B01	M	165.0	10/04/84	44.7	120.3	5001
			02/07/85	NM-1		
13S/15E-26G01	M	170.0	10/04/84	36.9	133.1	5001
			02/07/85	54.6	115.4	
13S/15E-26K01	M	170.0	10/05/84	35.8	134.2	5001
			02/07/85	61.9	108.1	
13S/15E-36B02	M	170.5	10/05/84	38.3	132.2	5001
			02/07/85	17.7	152.8	
13S/15E-36C01	M		10/05/84	NM-6		5001
13S/15E-36C02	M	170.0	10/05/84	18.5	151.5	5001
			02/07/85	NM-1		
13S/16E-02C01	M	195.0	10/03/84	82.5	112.5	5001
			01/30/85	59.8	135.2	
13S/16E-02C03	M	194.0	10/03/84	83.0	111.0	5001
			01/30/85	60.3	133.7	
13S/16E-02F01	M	193.2	10/05/84	78.1	115.1	5001
			02/12/85	67.6	125.6	
13S/16E-03L01	M		10/05/84	NM-5		5001
		188.0	02/06/85	72.7	115.3	
13S/16E-05C01	M	179.0	10/05/84	64.9	114.1	5001
			02/06/85	60.7	118.3	
13S/16E-05G02	M		10/05/84	NM-5		5001
			02/06/85	NM-5		
13S/16E-06M02	M		10/05/84	NM-5		5001
			02/06/85	NM-9		
13S/16E-07R01	M	175.0	10/05/84	66.2	108.8	5001
			02/06/85	58.1	116.9	
13S/16E-08H01	M		10/05/84	NM-4		5001
		178.1	02/06/85	56.5	121.6	
13S/16E-14H02	M	195.0	10/05/84	46.9	148.1	5001
			02/06/85	35.1	159.9	
13S/16E-15H01	M	189.0	10/05/84	65.9	123.1	5001
			02/06/85	NM-3		
13S/16E-16D02	M	178.0	10/05/84	63.9	114.1	5001
			02/06/85	52.6	125.4	
13S/16E-18H01	M	174.9	10/05/84	56.2	118.7	5001
			02/06/85	53.3	121.6	
13S/16E-19J01	M	175.0	10/05/84	57.5	117.5	5001
			02/06/85	38.1	136.9	
13S/16E-19K01	M	173.0	10/05/84	55.8	117.2	5001
			02/06/85	36.0	137.0	
13S/16E-19P01	M		10/05/84	NM-9		5001
		170.0	02/06/85	36.2	133.8	
13S/16E-20J01	M	180.0	10/05/84	49.6	130.4	5001
			02/06/85	40.5	139.5	
13S/16E-20L01	M		10/05/84	NM-4		5001
			02/06/85	NM-1		
13S/16E-21J01	M	187.0	10/04/84	62.3	124.7	5001
			02/08/85	39.0	148.0	
13S/16E-22B01	M	190.0	10/04/84	48.7	141.3	5001
			02/08/85	36.2	153.8	
13S/16E-22F01	M	187.0	10/04/84	65.3	121.7	5001
			02/08/85	NM-1		
13S/16E-22J01	M	191.0	10/04/84	45.0	146.0	5001
			02/08/85	NM-1		
13S/16E-22J02	M	190.0	10/04/84	53.3	136.7	5001
			02/08/85	NM-5		
13S/16E-23A01	M	195.0	10/04/84	49.2	145.8	5001
			02/06/85	42.5	152.5	
13S/16E-23A02	M	195.0	10/04/84	20.7	174.3	5001
			02/06/85	18.2	176.8	
13S/16E-23N01	M	190.5	10/04/84	41.5	149.0	5001
			02/06/85	33.5	157.0	
13S/16E-24C01	M		10/04/84	NM-9		5001
		190.0	02/06/85	24.9	165.1	
13S/16E-26A01	M	191.0	10/04/84	32.6	158.4	5001
			02/08/85	48.5	142.5	
13S/16E-26J01	M	191.0	10/04/84	67.3	123.7	5001
			02/08/85	43.4	147.6	
13S/16E-28A01	M	184.5	10/04/84	66.8	117.7	5001
			02/08/85	38.0	146.5	
13S/16E-28E01	M	181.0	10/04/84	55.9	125.1	5001
			02/08/85	42.6	138.4	
13S/16E-28H01	M	180.0	10/04/84	59.6	120.4	5001
			02/08/85	45.8	134.2	
13S/16E-28J01	M		10/04/84	NM-1		5001
		180.0	02/08/85	6.5	173.5	
13S/16E-29F01	M	175.0	10/04/84	68.5	106.5	5001
			02/08/85	45.4	129.6	
13S/16E-29J01	M		10/04/84	NM-1		5001
		180.0	02/08/85	41.0	139.0	
13S/16E-29K03	M	178.0	10/04/84	76.3	101.7	5001
			02/08/85	46.0	132.0	
13S/16E-30A01	M	175.0	10/04/84	59.2	115.8	5001
			02/06/85	30.7	144.3	
13S/16E-30B01	M	175.0	10/04/84	72.5	102.5	5001
			02/06/85	36.5	138.5	
13S/16E-30J03	M	175.0	10/04/84	69.7	105.3	5001
			02/06/85	42.0	133.0	
13S/16E-30L01	M	175.0	10/04/84	64.0	111.0	5001
			02/06/85	17.0	158.0	
13S/16E-30Q01	M		10/04/84	NM-1		5001
		175.0	02/06/85	31.3	143.7	
13S/16E-30R01	M		10/04/84	NM-1		5001
			02/06/85	NM-4		
13S/17E-18J01	M	197.0	10/03/84	19.0	178.0	5001
			02/11/85	19.7	177.3	
13S/17E-18M01	M	195.0	10/03/84	16.5	178.5	5001
			02/11/85	NM-1		
13S/17E-18P01	M	196.0	10/03/84	24.5	171.5	5001
			02/11/85	NM-1		
13S/17E-19C01	M	201.0	10/03/84	35.7	165.3	5001
			02/11/85	32.4	168.6	
8-08.L MADERA HA						
09S/14E-25A01	M	185.0	11/07/84	27.5	157.5	5001
			01/23/85	38.5	146.5	
09S/14E-26J01	M	175.0	11/08/84	54.7	120.3	5001
			01/23/85	37.6	137.4	
09S/14E-33A01	M	161.0	10/01/84	76.5	84.5	5001
			01/30/85	58.5	102.5	
09S/14E-33F01	M		10/01/84	NM-1		5001
		157.0	01/30/85	62.0	95.0	
09S/14E-33L01	M	157.0	10/01/84	60.0	97.0	5001
			01/30/85	60.0	97.0	
09S/14E-35J01	M	175.5	11/08/84	39.0	136.5	5001
			01/23/85	92.2	83.3	
09S/14E-36C01	M	178.0	11/08/84	53.0	125.0	5001
			02/05/85	63.0	115.0	
09S/15E-22N01	M	212.0	11/07/84	81.5	130.5	5001
			01/24/85	72.7	139.3	
09S/15E-23J02	M	226.0	11/07/84	101.0	125.0	5001
			01/24/85	91.0	135.0	
09S/15E-27Q01	M		11/07/84	NM-9		5001
		216.2	01/24/85	87.4	128.8	
09S/15E-28A02	M	208.0	11/07/84	61.3	146.7	5001
			01/24/85	NM-5		

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB 8-08 SAN JOAQUIN VALLEY FLOOR HU 8-08.L MADERA HA						
09S/15E-28R01	M	207.0	11/07/84 01/22/85	47.8 52.5	159.2 154.5	5001
09S/15E-30G01	M	190.0	11/08/84 01/22/85	34.5 66.5	155.5 123.5	5001
09S/15E-31J01	M	187.0	11/08/84 01/22/85	44.4 NM-4	142.6	5001
09S/15E-32R01	M	198.0	11/08/84 01/22/85	49.5 NM-4	148.5	5001
09S/15E-33J02	M	205.0	11/08/84 01/22/85	62.5 58.5	142.5 146.5	5001
09S/15E-34J01	M	209.0	11/08/84 01/22/85	71.5 66.0	137.5 143.0	5001
09S/15E-35C01	M	214.8	11/08/84 01/22/85	80.1 79.5	134.7 135.3	5001
09S/16E-16N01	M	252.0	11/01/84 01/28/85	139.0 128.8	113.0 123.2	5001
09S/16E-20E01	M	246.0	11/01/84 01/28/85	100.0 70.0	146.0 176.0	5001
09S/16E-20P02	M	250.0	11/01/84 02/04/85	59.0 77.0	191.0 173.0	5001
09S/16E-27A01	M	268.0	10/18/84 01/28/85	143.0 117.9	125.0 150.1	5001
09S/16E-28A01	M	258.5	10/18/84 01/28/85	133.9 125.9	124.6 132.6	5001
09S/16E-29Q02	M	239.0	11/07/84 01/29/85	61.0 62.6	178.0 176.4	5001
09S/16E-31P01	M		11/07/84 01/29/85	NM-9 NM-4		5001
09S/16E-33F02	M		11/07/84	NM-6		5001
09S/16E-34J01	M	259.0	11/07/84 01/29/85	95.5 59.0	163.5 200.0	5001
10S/14E-01A01	M	179.6	11/08/84 01/24/85	60.5 41.5	119.1 138.1	5001
10S/14E-01R02	M	177.0	11/08/84 01/24/85	41.3 91.0	135.7 86.0	5001
10S/14E-02L01	M	166.0	11/08/84 02/04/85	49.0 57.0	117.0 109.0	5001
10S/14E-03A01	M	165.5	11/08/84 02/04/85	47.5 53.7	118.0 111.8	5001
10S/14E-09A03	M	154.5	11/08/84 01/25/85	64.0 62.5	90.5 92.0	5001
10S/14E-10H01	M	161.0	11/08/84 01/25/85	70.0 57.0	91.0 104.0	5001
10S/14E-11R01	M	171.4	11/08/84 01/25/85	50.1 NM-4	121.3	5001
10S/14E-15H01	M	160.5	11/08/84 01/25/85	56.6 NM-4	103.9	5001
10S/14E-15J01	M	160.0	11/08/84 01/25/85	55.2 58.7	104.8 101.3	5001
10S/14E-15R01	M	157.0	11/08/84 01/25/85	42.0 49.9	115.0 107.1	5001
10S/15E-01E01	M	217.0	11/12/84 02/01/85	71.9 NM-9	145.1	5001
10S/15E-02Q01	M	212.5	11/12/84 02/01/85	61.5 NM-6	151.0	5001
10S/15E-03E02	M	198.0	11/12/84 02/01/85	55.6 NM-4	142.4	5001
10S/15E-03L01	M	202.0	11/12/84 02/01/85	43.5 50.0	158.5 152.0	5001
10S/15E-05B01	M	195.5	11/12/84 02/01/85	51.5 NM-3	144.0	5001
10S/15E-06L01	M	180.5	11/12/84 02/01/85	51.5 48.0	129.0 132.5	5001
10S/15E-07Q01	M		11/12/84 02/01/85	NM-4 NM-4		5001
10S/15E-08C01	M	187.0	11/12/84 02/01/85	47.0 33.0	140.0 154.0	5001
10S/15E-09M01	M	191.0	11/12/84 02/01/85	47.5 NM-3	143.5	5001
10S/15E-10K01	M	203.0	11/12/84 02/01/85	53.0 NM-5	150.0	5001
10S/15E-11H01	M	211.0	11/12/84 02/01/85	47.4 50.0	163.6 161.0	5001
10S/15E-12C02	M	216.0	11/10/84 02/01/85	67.5 NM-5	148.5	5001
10S/15E-12P01	M	211.5	11/10/84 02/01/85	59.1 60.1	152.4 151.4	5001
10S/15E-14Q01	M	201.0	11/12/84 01/31/85	59.3 57.9	141.7 143.1	5001
10S/15E-16P02	M	189.5	11/12/84 01/31/85	44.5 54.0	145.0 135.5	5001
10S/15E-17G01	M	184.0	11/12/84 01/31/85	43.5 42.2	140.5 141.8	5001
10S/15E-18L01	M	174.0	11/12/84 01/31/85	41.6 57.3	132.4 116.7	5001
10S/15E-18M02	M	173.0	11/12/84 01/31/85	45.5 46.0	127.5 127.0	5001
10S/15E-19F01	M	173.0	11/12/84 01/31/85	42.0 NM-3	131.0	5001
10S/15E-20C04	M	179.0	11/12/84 01/31/85	NM-5 67.0	112.0	5001
10S/15E-22K01	M	188.0	11/12/84 01/31/85	47.2 57.5	140.8 130.5	5001
10S/15E-23C01	M	197.0	11/10/84 01/31/85	45.5 47.3	151.5 149.7	5001
10S/15E-23K01	M	195.5	11/10/84 01/31/85	43.0 67.5	152.5 128.0	5001
10S/15E-25A01	M	196.5	11/10/84 01/31/85	49.5 58.9	147.0 137.6	5001
10S/15E-26A01	M	195.5	11/10/84 01/31/85	57.1 61.5	138.4 134.0	5001
10S/15E-27D03	M	184.0	11/12/84 01/31/85	41.5 57.9	142.5 126.1	5001
10S/15E-27R01	M	186.0	11/12/84 01/31/85	54.5 51.0	131.5 135.0	5001
10S/15E-29A02	M	177.5	11/12/84 01/31/85	45.3 49.0	132.2 128.5	5001
10S/15E-31C01	M	162.5	11/12/84 01/31/85	43.3 47.0	119.2 115.5	5001
10S/15E-32L01	M	165.5	11/12/84 01/30/85	41.3 39.5	124.2 126.0	5001
10S/15E-32L02	M	166.5	11/12/84 01/30/85	36.5 NM-4	130.0	5001
10S/15E-34L01	M	180.9	11/12/84 01/30/85	49.5 43.5	131.4 137.4	5001
10S/15E-35A02	M	186.0	11/10/84 01/31/85	29.2 40.0	156.8 146.0	5001
10S/15E-35J01	M	188.0	11/10/84 01/30/85	50.0 47.5	138.0 140.5	5001
10S/15E-36A01	M	190.0	11/10/84 01/31/85	51.0 51.0	139.0 139.0	5001
10S/16E-04N01	M	236.0	11/10/84 01/29/85	86.0 74.0	150.0 162.0	5001
10S/16E-05C01	M	234.0	11/10/84 01/29/85	93.1 NM-9	140.9	5001
10S/16E-06R01	M	226.0	11/10/84 01/29/85	78.1 NM-4	147.9	5001
10S/16E-07K01	M	219.0	11/10/84 01/29/85	74.5 66.6	144.5 152.4	5001
10S/16E-09E01	M	232.0	11/10/84 01/29/85	80.5 78.6	151.5 153.4	5001
10S/16E-10N01	M	235.0	11/10/84 01/30/85	71.3 71.5	164.7 164.5	5001
10S/16E-14J01	M	245.5	11/10/84 01/30/85	112.1 109.5	133.4 136.0	5001
10S/16E-15F01	M	235.5	11/10/84 01/29/85	80.5 92.0	155.0 143.5	5001
10S/16E-17C01	M	222.0	11/10/84 01/29/85	68.4 66.7	153.6 155.3	5001
10S/16E-18D02	M	212.0	11/10/84 01/29/85	64.8 NM-5	147.2	5001
10S/16E-19A01	M	210.0	11/10/84 01/30/85	54.0 53.0	156.0 157.0	5001
10S/16E-19A02	M	210.0	11/10/84 01/30/85	60.0 58.7	150.0 151.3	5001
10S/16E-19J01	M	209.5	11/10/84	63.4	146.1	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB 8-08 SAN JOAQUIN VALLEY FLOOR HU 8-08.L MADERA HA					
10S/16E-19J01 M	209.5	01/30/85	61.5	148.0	5001
10S/16E-20A01 M	219.0	11/10/84	70.5	148.5	5001
		01/30/85	70.5	148.5	
10S/16E-21J01 M	225.5	11/10/84	80.1	145.4	5001
		01/30/85	87.5	138.0	
10S/16E-25A01 M	244.9	10/05/84	119.2	125.7	5001
		02/01/85	104.4	140.5	
10S/16E-25F02 M	237.5	10/05/84	116.5	121.0	5001
		02/01/85	95.6	141.9	
10S/16E-25Q01 M	235.0	10/05/84	94.7	140.3	5001
		02/01/85	89.5	145.5	
10S/16E-26B01 M	234.2	10/05/84	113.2	121.0	5001
		02/01/85	95.4	138.8	
10S/16E-28D01 M	216.0	11/10/84	74.0	142.0	5001
		01/30/85	70.5	145.5	
10S/16E-29A01 M	214.0	11/10/84	69.4	144.6	5001
		01/30/85	67.9	146.1	
10S/16E-29R02 M	209.0	11/10/84	70.6	138.4	5001
		01/30/85	NM-5		
10S/16E-30A01 M	205.0	11/10/84	65.0	140.0	5001
		01/30/85	56.5	148.5	
10S/16E-30D01 M	200.0	11/10/84	57.5	142.5	5001
		01/30/85	64.0	136.0	
10S/16E-34H01 M	220.0	10/05/84	85.8	134.2	5001
		02/01/85	77.7	142.3	
10S/16E-36A01 M	239.2	10/05/84	93.6	145.6	5001
		02/01/85	86.4	152.8	
10S/16E-36D01 M	232.0	10/05/84	93.5	138.5	5001
		02/01/85	86.6	145.4	
10S/17E-30B02 M	250.0	10/01/84	129.6	120.4	5001
		02/01/85	98.5	151.5	
10S/17E-31N01 M	233.0	10/05/84	88.3	144.7	5001
		02/01/85	80.1	152.9	
10S/17E-34A02 M	265.0	10/01/84	113.7	151.3	5001
		01/29/85	110.9	154.1	
		09/30/85	122.5	142.5	
11S/15E-04H01 M	169.2	11/10/84	16.5	152.7	5001
		01/30/85	21.5	147.7	
11S/15E-09C01 M	164.0	11/10/84	19.3	144.7	5001
		01/30/85	21.5	142.5	
11S/16E-03A01 M	220.0	10/05/84	88.8	131.2	5001
		02/01/85	78.7	141.3	
11S/16E-03C01 M	215.0	10/05/84	88.0	127.0	5001
		02/01/85	71.3	143.7	
11S/16E-05H01 M	204.0	10/05/84	91.5	112.5	5001
		02/01/85	63.6	140.4	
11S/16E-08L01 M	194.5	10/05/84	97.0	97.5	5001
		02/01/85	56.4	138.1	
11S/16E-10N01 M	204.0	10/05/84	61.9	142.1	5001
		02/01/85	60.1	143.9	
11S/16E-11E01 M	218.5	10/05/84	85.7	132.8	5001
		02/01/85	76.8	141.7	
11S/16E-12K01 M	220.0	10/05/84	86.1	133.9	5001
		02/01/85	72.5	147.5	
11S/16E-14R01 M	216.0	10/05/84	84.0	132.0	5001
		02/01/85	68.7	147.3	
11S/16E-15L01 M	205.0	10/05/84	84.1	120.9	5001
		02/01/85	72.5	132.5	
11S/16E-16Q01 M	197.0	10/05/84	76.7	120.3	5001
		02/01/85	56.8	140.2	
11S/16E-21A01 M	201.0	10/05/84	101.7	99.3	5001
		01/31/85	63.9	137.1	
11S/16E-22K01 M	202.0	10/05/84	111.9	90.1	5001
		01/31/85	65.5	136.5	
11S/16E-24M01 M	217.5	10/05/84	81.5	136.0	5001
		01/31/85	63.0	154.5	
11S/16E-26A01 M	215.9	10/05/84	82.4	133.5	5001
		01/31/85	71.5	144.4	
11S/16E-26L01 M	212.0	10/05/84	103.2	108.8	5001
		01/31/85	72.9	139.1	
11S/16E-27H01 M	206.0	10/05/84	122.3	83.7	5001
		01/31/85	67.9	138.1	
11S/16E-28C01 M	193.0	10/05/84	93.0	100.0	5001
11S/16E-28C01 M	193.0	01/31/85	77.3	115.7	5001
11S/16E-29H01 M	190.8	10/05/84	83.7	107.1	5001
		01/31/85	74.0	116.8	
11S/16E-35H01 M	213.0	10/05/84	85.4	127.6	5001
		01/31/85	80.0	133.0	
11S/16E-36J01 M	219.0	10/05/84	93.3	125.7	5001
		01/31/85	76.4	142.6	
11S/16E-36Q01 M	217.0	10/05/84	93.1	123.9	5001
		01/31/85	79.1	137.9	
11S/17E-04R01 M	255.0	10/05/84	104.0	151.0	5001
		02/01/85	94.4	160.6	
11S/17E-06C01 M	233.0	10/05/84	98.7	134.3	5001
		02/01/85	86.9	146.1	
11S/17E-06J01 M	236.9	10/05/84	100.5	136.4	5001
		02/01/85	91.0	145.9	
11S/17E-07A01 M		10/05/84	NM-1		5001
		02/01/85	NM-0		
11S/17E-08H01 M	238.0	10/05/84	92.4	145.6	5001
		02/01/85	83.4	154.6	
11S/18E-04E01 M		10/04/84	NM-1		5001
	316.0	01/31/85	69.8	246.2	
11S/18E-07L01 M	290.0	10/04/84	76.3	213.7	5001
		01/25/85	65.6	224.4	
		09/30/85	79.0	211.0	
11S/18E-08Q01 M	285.0	10/04/84	19.2	265.8	5001
		01/29/85	17.0	268.0	
		09/30/85	19.8	265.2	
11S/18E-08Q02 M	285.0	10/04/84	20.2	264.8	5001
		01/29/85	20.3	264.7	
		09/30/85	20.9	264.1	
11S/18E-09A01 M	300.0	10/01/84	30.7	269.3	5001
		01/29/85	29.9	270.1	
		09/30/85	30.3	269.7	
11S/18E-18A01 M	285.0	10/01/84	56.4	228.6	5001
		01/25/85	57.9	227.1	
		09/30/85	62.7	222.3	
11S/18E-20N01 M	272.5	10/01/84	91.4	181.1	5001
		01/29/85	70.7	201.8	
		09/30/85	90.7	181.8	
11S/18E-27F01 M	285.0	10/01/84	91.0	194.0	5001
		01/29/85	73.0	212.0	
		09/30/85	89.6	195.4	
11S/18E-27M01 M	284.0	10/01/84	91.8	192.2	5001
		01/29/85	86.1	197.9	
		09/30/85	90.1	193.9	
11S/18E-28P01 M	277.0	10/01/84	95.7	181.3	5001
		01/29/85	89.8	187.2	
		09/30/85	93.2	183.8	
11S/18E-29H01 M	274.5	10/01/84	88.4	186.1	5001
		01/29/85	90.7	183.8	
		09/30/85	88.1	186.4	
11S/18E-30D01 M	265.0	10/01/84	79.4	185.6	5001
		01/29/85	78.5	186.5	
11S/18E-31A03 M	265.0	10/01/84	96.0	169.0	5001
		01/29/85	77.1	187.9	
11S/18E-33D01 M	275.0	10/01/84	100.0	175.0	5001
		01/29/85	91.2	183.8	
		09/30/85	99.3	175.7	
11S/18E-34B01 M	280.0	10/01/84	90.3	189.7	5001
		01/29/85	89.5	190.5	
		09/30/85	90.5	189.5	
12S/16E-12H01 M	215.0	10/03/84	95.7	119.3	5001
		01/30/85	71.7	143.3	
12S/17E-01J02 M	254.3	10/03/84	78.8	175.5	5001
		01/30/85	74.8	179.5	
12S/17E-02J01 M	247.0	10/03/84	79.6	167.4	5001
		01/30/85	78.1	168.9	
12S/17E-03C01 M	243.7	10/03/84	91.7	152.0	5001
		01/30/85	81.8	161.9	
12S/17E-03F01 M	239.3	10/03/84	82.7	156.6	5001
		01/30/85	75.6	163.7	
12S/17E-04L01 M	237.0	10/03/84	88.7	148.3	5001
		01/30/85	82.2	154.8	
12S/17E-06A03 M	226.0	10/03/84	83.9	142.1	5001
		01/30/85	75.2	150.8	
12S/17E-06R01 M	226.0	10/03/84	96.9	129.1	5001
		01/30/85	75.7	150.3	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB 8-08 SAN JOAQUIN VALLEY FLOOR HU 8-08.L MADERA HA					
12S/17E-08G01 M	229.0	10/03/84	84.8	144.2	5001
		01/30/85	77.3	151.7	
12S/17E-08G02 M	230.0	10/03/84	95.0	135.0	5001
		01/30/85	77.1	152.9	
12S/17E-09J01 M	231.7	10/03/84	73.5	158.2	5001
		01/30/85	67.5	164.2	
12S/17E-10H01 M	239.0	10/03/84	80.0	159.0	5001
		01/30/85	70.3	168.7	
12S/17E-11D01 M	241.0	10/03/84	79.2	161.8	5001
		01/30/85	71.8	169.2	
12S/17E-11J01 M	246.0	10/03/84	86.8	159.2	5001
		01/30/85	71.4	174.6	
12S/17E-13J01 M	250.0	10/03/84	69.2	180.8	5001
		01/30/85	65.0	185.0	
12S/17E-13K01 M	248.0	10/03/84	76.9	171.1	5001
		01/30/85	67.0	181.0	
12S/17E-14F01 M	241.8	10/03/84	70.0	171.8	5001
		01/30/85	70.6	171.2	
12S/17E-15J01 M	236.8	10/03/84	70.0	166.8	5001
		01/30/85	71.4	165.4	
12S/17E-16A02 M	230.0	10/03/84	78.0	152.0	5001
		01/30/85	64.0	166.0	
12S/17E-18A02 M	220.7	10/03/84	77.7	143.0	5001
		01/30/85	68.8	151.9	
12S/17E-21H01 M	228.0	10/03/84	77.6	150.4	5001
		01/30/85	74.5	153.5	
12S/17E-23C01 M	237.0	10/03/84	64.5	172.5	5001
		01/30/85	60.4	176.6	
12S/17E-24H01 M	246.0	10/03/84	68.3	177.7	5001
		01/30/85	56.2	189.8	
12S/17E-26A01 M	236.8	10/03/84	64.1	172.7	5001
		01/30/85	52.3	184.5	
12S/17E-26C01 M	235.0	10/03/84	62.1	172.9	5001
		01/30/85	53.4	181.6	
12S/17E-26N01 M	233.0	10/03/84	64.5	168.5	5001
		01/30/85	57.6	175.4	
12S/17E-29H02 M	219.8	10/03/84	76.1	143.7	5001
		01/30/85	57.7	162.1	
12S/17E-31A01 M	213.5	10/03/84	70.1	143.4	5001
		01/30/85	59.4	154.1	
12S/17E-32H01 M	219.4	10/03/84	60.6	158.8	5001
		01/30/85	54.9	164.5	
12S/17E-34A01 M	230.0	10/03/84	53.9	176.1	5001
		01/30/85	48.3	181.7	
12S/17E-34D01 M	226.7	10/03/84	57.1	169.6	5001
		01/30/85	49.8	176.9	
12S/17E-34R01 M	235.0	10/03/84	50.5	184.5	5001
		01/30/85	50.5	184.5	
12S/17E-35R01 M	239.0	10/03/84	43.9	195.1	5001
		01/30/85	43.2	195.8	
12S/17E-36B01 M	245.0	10/03/84	59.3	185.7	5001
		01/30/85	51.4	193.6	
12S/17E-36K01 M	244.5	10/03/84	57.5	187.0	5001
		01/30/85	52.9	191.6	
12S/18E-03D01 M	275.0	10/01/84	82.5	192.5	5001
		01/28/85	83.2	191.8	
12S/18E-04C01 M	273.0	10/01/84	86.1	186.9	5001
		01/28/85	83.3	189.7	
12S/18E-04L01 M	267.0	10/02/84	76.0	191.0	5001
		01/28/85	76.0	191.0	
12S/18E-04R01 M	270.9	10/02/84	77.7	193.2	5001
		01/29/85	73.6	197.3	
12S/18E-05A01 M	270.2	10/02/84	85.9	184.3	5001
		01/29/85	80.7	189.5	
12S/18E-05C01 M	265.0	10/02/84	87.9	177.1	5001
		01/29/85	79.5	185.5	
12S/18E-06J02 M	260.5	10/02/84	86.0	174.5	5001
		01/29/85	79.6	180.9	
12S/18E-07H01 M	261.6	10/03/84	76.8	184.8	5001
		01/29/85	72.0	189.6	
12S/18E-08D01 M	260.0	10/02/84	69.4	190.6	5001
		01/29/85	62.1	197.9	
12S/18E-09P01 M	265.0	10/02/84	68.3	196.7	5001
12S/18E-09P01 M	265.0	01/29/85	67.1	197.9	5001
12S/18E-10D01 M	266.1	10/01/84	80.3	185.8	5001
		01/28/85	80.6	185.5	
12S/18E-10R01 M	273.0	10/01/84	67.7	205.3	5001
		01/28/85	71.0	202.0	
12S/18E-12N01 M	280.0	10/01/84	82.6	197.4	5001
		01/28/85	81.7	198.3	
12S/18E-13R01 M	287.0	10/01/84	81.2	205.8	5001
		01/28/85	79.5	207.5	
12S/18E-13R02 M	287.0	10/01/84	84.0	203.0	5001
		01/28/85	81.1	205.9	
12S/18E-16A01 M	268.0	10/02/84	66.5	201.5	5001
		01/28/85	65.7	202.3	
12S/18E-16K01 M	265.0	10/02/84	74.9	190.1	5001
		01/28/85	71.8	193.2	
12S/18E-16Q01 M	267.5	10/02/84	68.7	198.8	5001
		01/28/85	68.4	199.1	
12S/18E-17L01 M	258.0	10/02/84	69.5	188.5	5001
		01/28/85	62.7	195.3	
12S/18E-19H01 M	252.0	10/02/84	64.8	187.2	5001
		01/28/85	58.4	193.6	
12S/18E-20P01 M	257.0	10/02/84	62.7	194.3	5001
		01/29/85	59.1	197.9	
12S/18E-21G01 M	265.0	10/02/84	74.7	190.3	5001
		01/29/85	67.5	197.5	
12S/18E-24P01 M	288.6	10/01/84	80.2	208.4	5001
		01/28/85	69.8	218.8	
12S/18E-25B01 M	284.0	10/01/84	78.5	205.5	5001
		01/28/85	75.6	208.4	
12S/18E-25L01 M	282.0	10/02/84	73.2	208.8	5001
		01/28/85	64.8	217.2	
12S/18E-25M01 M	280.5	10/02/84	72.3	208.2	5001
		01/29/85	72.7	207.8	
12S/18E-26D01 M	275.0	10/02/84	69.6	205.4	5001
		01/29/85	69.9	205.1	
12S/18E-26L01 M	276.0	10/02/84	70.5	205.5	5001
		01/29/85	68.0	208.0	
12S/18E-26R01 M	280.0	10/02/84	71.9	208.1	5001
		01/29/85	65.6	214.4	
12S/18E-26J01 M	267.6	10/02/84	64.0	203.6	5001
		01/29/85	62.3	205.3	
12S/18E-30C01 M	249.1	10/02/84	60.8	188.3	5001
		01/29/85	60.2	188.9	
12S/18E-30D01 M	245.0	10/02/84	69.8	175.2	5001
		01/29/85	64.6	180.4	
12S/18E-31J01 M	254.0	10/02/84	69.6	184.4	5001
		01/29/85	55.7	198.3	
12S/18E-32E01 M	253.2	10/02/84	63.9	189.3	5001
		01/29/85	56.2	197.0	
12S/18E-33C01 M	260.6	10/02/84	68.7	191.9	5001
		01/29/85	54.7	205.9	
12S/18E-34L01 M	270.0	10/02/84	61.6	208.4	5001
		01/29/85	61.1	208.9	
12S/18E-34Q01 M	265.0	10/02/84	55.4	209.6	5001
		01/29/85	53.8	211.2	
12S/18E-35G01 M	278.0	10/02/84	68.7	209.3	5001
		01/29/85	67.0	211.0	
12S/18E-36P01 M	280.0	10/02/84	68.0	212.0	5001
		01/29/85	66.1	213.9	
12S/19E-18P01 M	294.0	10/02/84	85.3	208.7	5001
		01/25/85	86.5	207.5	
12S/19E-20A01 M	302.0	10/01/84	76.6	225.4	5001
		01/25/85	93.5	208.5	
12S/19E-20D01 M	294.1	10/01/84	81.1	213.0	5001
		01/25/85	79.3	214.8	
12S/19E-29A01 M	304.2	10/01/84	88.4	215.8	5001
		01/25/85	85.4	218.8	
12S/19E-31M03 M	286.0	10/01/84	69.5	216.5	5001
		01/25/85	69.6	216.4	
13S/17E-02M01 M	233.9	10/03/84	40.0	193.9	5001
		01/30/85	39.0	194.9	
13S/17E-03H01 M	232.0	10/03/84	47.1	184.9	5001
		01/30/85	46.5	185.5	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB						
8-08 SAN JOAQUIN VALLEY FLOOR HU						
8-08.L MADERA HA						
13S/17E-04R01	M	222.0	10/03/84	45.8	176.2	5001
			01/30/85	42.6	179.4	
13S/17E-05L02	M	212.0	10/03/84	52.4	159.6	5001
			01/30/85	48.4	163.6	
13S/17E-05P02	M	212.0	10/03/84	51.0	161.0	5001
			01/30/85	44.2	167.8	
13S/17E-07A01	M	209.0	10/03/84	53.2	155.8	5001
			01/30/85	37.3	171.7	
13S/17E-07J03	M	206.0	10/03/84	39.4	166.6	5001
			01/30/85	35.1	170.9	
13S/17E-08L01	M	209.0	10/03/84	31.0	178.0	5001
			01/30/85	60.1	148.9	
13S/17E-08N01	M	201.0	10/03/84	20.7	180.3	5001
			01/30/85	21.9	179.1	
13S/17E-09A01	M	220.0	10/03/84	45.9	174.1	5001
			01/30/85	40.0	180.0	
13S/17E-09R01	M	218.0	10/04/84	33.2	184.8	5001
			02/11/85	31.8	186.2	
13S/17E-12J02	M	243.0	10/01/84	42.7	200.3	5001
			01/01/85	43.8	199.2	
13S/17E-17A01	M	205.0	10/03/84	15.8	189.2	5001
			02/11/85	8.2	196.8	
13S/17E-17L01	M	198.0	10/03/84	18.8	179.2	5001
			02/11/85	19.0	179.0	
13S/18E-01H01	M	282.0	10/05/84	70.0	212.0	5001
			02/07/85	67.5	214.5	
13S/18E-02C01	M	260.0	10/05/84	54.8	205.2	5001
			02/07/85	49.5	210.5	
13S/18E-03C02	M	265.0	10/03/84	55.5	209.5	5001
			01/29/85	53.0	212.0	
13S/18E-03P01	M	265.0	10/05/84	55.3	209.7	5001
			02/07/85	55.3	209.7	
13S/18E-04A01	M	261.0	10/02/84	56.7	204.3	5001
			01/29/85	47.1	213.9	
13S/18E-04B01	M	262.0	10/02/84	56.5	205.5	5001
			01/29/85	58.2	203.8	
13S/18E-05E01	M	252.5	10/02/84	62.0	190.5	5001
			01/29/85	50.7	201.8	
13S/18E-05J01	M	259.0	10/02/84	58.3	200.7	5001
			01/29/85	52.2	206.8	
13S/18E-06F01	M	246.0	10/02/84	50.2	195.8	5001
			01/29/85	48.9	197.1	
13S/18E-06K01	M	250.0	10/02/84	52.2	197.8	5001
			01/29/85	43.0	207.0	
13S/18E-07G01	M	227.0	10/06/84	26.0	201.0	5001
			02/07/85	27.4	199.6	
13S/18E-07R01	M	249.7	10/06/84	42.8	206.9	5001
			02/07/85	47.2	202.5	
13S/18E-09B01	M	255.0	10/06/84	44.1	210.9	5001
			02/07/85	42.9	212.1	
13S/18E-10C01	M	262.2	10/01/84	47.5	214.7	5001
			01/01/85	49.3	212.9	
8-08.M BERENDA CREEK HA						
09S/16E-14M01	M	280.0	11/01/84	141.2	138.8	5001
			01/28/85	NM-6		
09S/16E-15001	M	269.0	11/01/84	143.5	125.5	5001
			01/28/85	NM-3		
09S/16E-17F01	M	248.0	11/01/84	145.5	102.5	5001
			01/28/85	NM-3		
09S/16E-18M01	M	235.0	11/01/84	133.0	102.0	5001
			01/28/85	NM-3		
09S/16E-19D01	M	233.0	11/01/84	117.5	115.5	5001
			01/28/85	71.0	162.0	
09S/16E-36J01	M	278.0	11/07/84	124.7	153.3	5001
			01/28/85	162.2	115.8	
09S/17E-08F01	M		11/08/84	NM-9		5001
		300.0	02/04/85	58.2	241.8	
09S/17E-09D01	M	315.0	10/03/84	40.5	274.5	5001
			02/05/85	41.6	273.4	
09S/17E-17F01	M		11/08/84	NM-9		5001
			02/04/85	NM-5		
09S/17E-18N02	M		11/08/84	NM-2		5001
			02/04/85	NM-9		
8 SAN JOAQUIN HB						
8-08 SAN JOAQUIN VALLEY FLOOR HU						
8-08.M BERENDA CREEK HA						
09S/17E-19L01	M	292.0	11/07/84	160.5	131.5	5001
			01/28/85	78.5	213.5	
09S/17E-20L01	M		11/07/84	NM-9		5001
			01/28/85	NM-3		
09S/17E-25B01	M	338.0	10/03/84	84.8	253.2	5001
			02/05/85	76.4	261.6	
09S/17E-30H01	M		11/08/84	NM-6		5001
09S/17E-32A01	M	302.5	10/03/84	226.5	76.0	5001
			02/05/85	181.0	121.5	
09S/17E-35L01	M	316.5	10/03/84	146.3	170.2	5001
			02/05/85	138.5	178.0	
09S/18E-33C01	M	375.0	10/03/84	36.9	338.1	5001
			02/05/85	42.1	332.9	
09S/18E-33Q01	M	362.0	10/03/84	80.0	282.0	5001
			02/05/85	60.6	301.4	
10S/16E-01E01	M	261.0	11/10/84	141.5	119.5	5001
			01/29/85	79.4	181.6	
10S/16E-12K01	M	260.0	11/10/84	134.0	126.0	5001
			01/30/85	NM-3		
10S/16E-24J01	M	247.0	11/10/84	116.1	130.9	5001
			01/29/85	110.7	136.3	
10S/17E-03F01	M	300.0	10/05/84	184.3	115.7	5001
			01/25/85	164.5	135.5	
			09/30/85	187.3	112.7	
10S/17E-04E01	M		10/05/84	NM-1		5001
		291.0	01/25/85	180.0	111.0	
			09/30/85	200.1	90.9	
10S/17E-09A01	M		10/02/84	NM-6		5001
10S/17E-12C01	M	319.0	10/01/84	115.9	203.1	5001
			01/25/85	113.3	205.7	
			09/30/85	125.5	193.5	
10S/17E-21M01	M	270.0	10/01/84	132.5	137.5	5001
			01/25/85	119.7	150.3	
			09/30/85	139.9	130.1	
10S/17E-22D01	M	275.0	10/01/84	113.1	161.9	5001
			01/25/85	111.5	163.5	
			09/30/85	122.0	153.0	
10S/17E-23A01	M	296.0	10/01/84	123.7	172.3	5001
			01/25/85	113.7	182.3	
			09/30/85	130.7	165.3	
10S/18E-08L01	M	335.0	10/01/84	73.0	262.0	5001
			01/25/85	NM-0		
10S/18E-08L02	M		10/01/84	NM-1		5001
		331.0	01/25/85	82.0	249.0	
			09/30/85	NM-1		
10S/18E-09B01	M	348.0	10/01/84	82.7	265.3	5001
			01/25/85	80.3	267.7	
			09/30/85	87.2	260.8	
10S/18E-09C01	M	348.0	10/01/84	97.9	250.1	5001
			01/25/85	80.9	267.1	
			09/30/85	103.0	245.0	
10S/18E-10K01	M	350.0	10/01/84	29.1	320.9	5001
			01/25/85	28.6	321.4	
			09/30/85	29.4	320.6	
10S/18E-12D01	M	360.0	10/01/84	37.3	322.7	5001
			01/25/85	32.2	327.8	
			09/30/85	39.2	320.8	
10S/18E-20M02	M	335.0	10/01/84	117.4	217.6	5001
			01/25/85	NM-0		
10S/18E-27N01	M	331.6	10/01/84	71.9	259.7	5001
			01/25/85	84.4	247.2	
			09/30/85	75.0	256.6	
10S/18E-27R01	M	341.9	10/01/84	69.4	272.5	5001
			01/25/85	63.4	278.5	
			09/30/85	72.1	269.8	
10S/18E-29Q01	M	323.0	10/01/84	113.6	209.4	5001
			01/25/85	101.2	221.8	
			09/30/85	114.7	208.3	
10S/19E-17H01	M	368.0	10/01/84	21.0	347.0	5001
			01/25/85	17.2	350.8	
			09/30/85	21.1	346.9	
10S/19E-32J01	M		10/01/84	NM-7		5001
			01/25/85	NM-0		
10S/19E-36F01	M	405.0	10/01/84	7.1	397.9	5001
			01/25/85	6.1	398.9	
			09/30/85	6.6	398.4	
10S/20E-35P01	M	490.0	10/03/84	17.0	473.0	5001
			02/05/85	11.9	478.1	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB						
8-08 SAN JOAQUIN VALLEY FLOOR HU						
8-08.M BERENDA CREEK HA						
10S/20E-35P01	M	490.0	09/30/85	18.2	471.8	5001
11S/18E-05J01	M		10/04/84	NM-1		5001
		316.0	01/25/85	64.7	251.3	
			09/30/85	NM-1		
11S/19E-10J02	M		10/03/84	NM-1		5001
		376.0	02/11/85	175.4	200.6	
			09/30/85	NM-1		
11S/19E-19F01	M	308.0	10/01/84	124.9	183.1	5001
			01/25/85	101.6	206.4	
			09/30/85	123.2	184.8	
11S/19E-19N01	M	323.0	10/01/84	141.8	181.2	5001
			01/25/85	112.1	210.9	
			09/30/85	139.7	183.3	
11S/19E-20G01	M	315.0	10/01/84	129.0	186.0	5001
			01/25/85	125.7	189.3	
			09/30/85	126.6	188.4	
11S/19E-28F01	M	341.0	10/01/84	176.0	165.0	5001
			01/25/85	145.2	195.8	
			09/30/85	174.9	166.1	
11S/19E-32P01	M	313.0	10/01/84	118.9	194.1	5001
			01/25/85	107.5	205.5	
			09/30/85	110.7	202.3	
11S/19E-32R01	M	320.0	10/01/84	124.2	195.8	5001
			01/25/85	117.3	202.7	
			09/30/85	125.2	194.8	
11S/19E-33J01	M	329.5	10/01/84	191.4	138.1	5001
			01/25/85	148.9	180.6	
			09/30/85	184.9	144.6	
11S/20E-18L01	M		10/03/84	NM-9		5001
			02/11/85	NM-2		
			09/30/85	NM-9		
11S/20E-27N02	M	402.5	10/03/84	213.7	188.8	5001
			02/06/85	282.2	120.3	
11S/20E-29D01	M	383.0	10/03/84	246.6	136.4	5001
			02/06/85	190.9	192.1	
11S/20E-30F01	M	382.0	10/03/84	259.8	122.2	5001
			02/06/85	200.5	181.5	
11S/20E-31P01	M	381.0	10/03/84	226.5	154.5	5001
			02/06/85	130.9	250.1	
11S/20E-33K01	M	390.0	10/03/84	222.4	167.6	5001
			02/06/85	201.1	188.9	
11S/20E-36P01	M		10/03/84	NM-1		5001
			02/06/85	NM-2		
12S/18E-01A01	M	297.0	10/01/84	84.8	212.2	5001
			01/28/85	80.9	216.1	
12S/19E-01M03	M		10/04/84	NM-1		5001
			02/11/85	NM-0		
12S/19E-02A01	M		10/03/84	NM-1		5001
		358.5	02/05/85	202.5	156.0	
			09/30/85	204.0	154.5	
12S/19E-03Q01	M	330.5	10/04/84	177.4	153.1	5001
			02/05/85	126.3	204.2	
			09/30/85	194.5	136.0	
12S/19E-11B01	M	338.0	10/04/84	181.3	156.7	5001
			02/05/85	150.7	187.3	
			09/30/85	199.9	138.1	
12S/19E-13E01	M		10/04/84	NM-1		5001
		337.0	09/30/85	190.5	146.5	
12S/19E-21B01	M	300.0	10/01/84	85.9	214.1	5001
			01/25/85	83.6	216.4	
12S/19E-23K01	M		10/04/84	NM-1		5001
			09/30/85	NM-4		
12S/19E-25E01	M	259.0	10/01/84	26.1	232.9	5001
			01/25/85	23.1	235.9	
12S/19E-25J01	M		10/04/84	NM-9		5001
12S/19E-26C01	M		10/04/84	NM-1		5001
12S/19E-28A01	M	307.0	10/01/84	85.0	222.0	5001
			01/25/85	78.1	228.9	
12S/19E-28P01	M	305.0	10/01/84	86.9	218.1	5001
			01/25/85	84.1	220.9	
12S/19E-33B01	M	290.0	10/04/84	103.8	186.2	5001
			02/07/85	109.5	180.5	
12S/19E-35A01	M		10/04/84	NM-9		5001
		250.5	02/07/85	27.3	223.2	
12S/20E-04K01	M		10/04/84	NM-9		5001
			02/07/85	NM-2		
			09/30/85	NM-9		

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HR						
8-08 SAN JOAQUIN VALLEY FLOOR HU						
8-08.M BERENDA CREEK HA						
12S/20E-05P01	M		10/04/84	NM-1		5001
		366.0	02/07/85	173.5	192.5	
12S/20E-08M01	M		10/04/84	NM-1		5001
		361.0	02/07/85	164.8	196.2	
12S/20E-17A01	M	365.0	10/04/84	173.1	191.9	5001
			02/07/85	148.7	216.3	
12S/20E-17H01	M	362.0	10/04/84	179.0	183.0	5001
			02/07/85	152.2	209.8	
12S/20E-17H02	M	363.0	10/04/84	165.1	197.9	5001
			02/07/85	139.5	223.5	
12S/20E-18B01	M	352.5	10/04/84	178.0	174.5	5001
			02/07/85	223.4	129.1	
12S/20E-18N01	M	345.5	10/04/84	129.7	215.8	5001
			02/07/85	138.0	207.5	
12S/20E-19R01	M		10/04/84	NM-1		5001
			02/06/85	NM-9		
12S/20E-20A01	M		10/04/84	NM-1		5001
			02/06/85	NM-1		
12S/20E-32G01	M	341.0	10/05/84	119.4	221.6	5001
			02/06/85	118.8	222.2	
			09/30/85	123.9	217.1	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
8 SAN JOAQUIN HB						
8-09 STANISLAUS RIVER HU						
8-09.E MIDDLE FORK STANISLAUS HA						
8-09.E0 HEADER INFORMATION NOT PRESENTLY AVAILABLE						
04S/09E-01P02	M	100.0	11/07/84	54.0	46.0	5050
			03/19/85	55.0(9)	45.0	
8 SAN JOAQUIN HB						
8-13 AHWAHNEE HU						
8-13.8 DAULTON HA						
10S/19E-16D01	M	387.0	10/01/84	16.0	371.0	5001
			01/25/85	16.2	370.8	
			09/30/85	16.5	370.5	
10S/20E-21N01	M	502.0	10/03/84	11.6	490.4	5001
			02/05/85	11.6	490.4	
			09/30/85	3.5	498.5	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.A		WESTLANDS HA				
14S/13E-26P01	M	317.0	12/26/84	270.0	47.0	5646
14S/13E-35E02	M	328.0	12/26/84	262.0	66.0	5646
14S/13E-35N02	M	331.0	12/26/84	316.0	15.0	5646
14S/14E-03N05	M	214.0	12/14/84	125.0	89.0	5646
14S/14E-12N02	M		12/11/84	NM-9		5646
14S/14E-14G04	M	202.0	12/14/84	136.0	66.0	5646
14S/14E-17Q03	M	258.0	12/14/84	107.0	151.0	5646
14S/14E-17Q05	M		12/14/84	NM-4		5646
14S/14E-20P01	M		12/14/84	NM-4		5646
14S/14E-21E02	M	246.0	12/14/84	189.0	57.0	5646
14S/14E-21G02	M	247.0	12/14/84	91.0	156.0	5646
14S/14E-21K01	M	238.0	12/14/84	88.0	150.0	5646
14S/14E-24D01	M		12/14/84	NM-5		5646
14S/14E-24E02	M	198.0	12/14/84	134.0	64.0	5646
14S/14E-29N02	M		10/12/84	DRY		5001
14S/14E-30E03	M	285.0	12/14/84	261.5	23.5	5646
14S/14E-31G02	M	278.0	12/14/84	252.0	26.0	5646
14S/14E-33E02	M	253.0	12/14/84	208.5	44.5	5646
14S/14E-33N01	M	255.0	12/14/84	162.0	93.0	5646
14S/14E-34D01	M	240.0	12/14/84	120.0	120.0	5646
14S/14E-36N03	M	206.0	12/14/84	151.0	55.0	5646
14S/15E-08C04	M	155.0	10/01/84	21.2	133.8	5001
14S/15E-18C01	M		12/14/84	NM-5		5646
14S/15E-19N01	M	185.0	10/05/84	49.0	136.0	5001
			12/11/84	NM-4		5646
			02/11/85	125.8	59.2	5001
14S/15E-28D01	M	164.0	10/05/84	25.5	138.5	5001
			02/11/85	NM-4		
14S/15E-28L04	M	164.0	10/04/84	25.7	138.3	5001
14S/15E-30M01	M	187.0	10/05/84	131.5	55.5	5001
			02/11/85	NM-4		
14S/15E-31N02	M	188.0	12/11/84	130.0	58.0	5646
14S/15E-32N02	M	178.5	12/11/84	117.0	61.5	5646
14S/15E-32N03	M		10/05/84	NM-9		5001
			02/11/85	NM-4		
15S/12E-24R01	M		10/12/84	DRY		5001
15S/13E-01D01	M	311.0	12/14/84	293.0	18.0	5646
15S/13E-02N02	M	349.0	12/14/84	327.0	22.0	5646
15S/13E-03N03	M	375.0	01/15/85	367.0	8.0	5646
15S/13E-04E03	M		12/13/84	NM-4		5646
15S/13E-08N02	M		12/13/84	NM-4		5646
15S/13E-09E02	M		12/13/84	NM-4		5646
15S/13E-12M01	M	337.0	12/14/84	313.0	24.0	5646
15S/13E-13B01	M	325.0	12/14/84	212.0	113.0	5646
15S/13E-14M01	M		01/15/85	NM-9		5646
15S/13E-16L01	M		12/14/84	NM-9		5646
15S/13E-16M01	M	482.0	12/14/84	474.0	8.0	5646
15S/13E-20D01	M	540.0	10/12/84	457.0	83.0	5001
15S/13E-22M01	M		01/15/85	NM-9		5646
15S/13E-22P01	M	481.0	12/14/84	490.0	-9.0	5646
15S/13E-23H01	M		01/15/85	NM-9		5646
15S/13E-24N01	M		01/15/85	NM-9		5646
15S/13E-25N01	M	416.0	12/14/84	402.0	14.0	5646
15S/13E-26Q02	M		12/14/84	NM-4		5646
15S/13E-32F01	M		10/12/84	DRY		5001
15S/13E-35Q01	M		12/14/84	NM-4		5646
15S/13E-36Q01	M	400.0	12/14/84	385.0	15.0	5646

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.A		WESTLANDS HA				
15S/14E-01B01	M		01/03/85	NM-2		5646
15S/14E-01K02	M	197.0	01/03/85	57.0	140.0	5646
15S/14E-02B01	M	214.0	01/03/85	161.0	53.0	5646
15S/14E-03H01	M	223.0	01/03/85	157.0	66.0	5646
15S/14E-06H02	M		01/14/85	NM-9		5646
15S/14E-06M01	M	293.0	01/14/85	313.0	-20.0	5646
15S/14E-06Q01	M	284.0	01/14/85	256.0	28.0	5646
15S/14E-09C01	M	247.0	01/14/85	175.0	72.0	5646
15S/14E-09J01	M		01/14/85	NM-9		5646
15S/14E-11E02	M	222.0	01/03/85	39.0	183.0	5646
15S/14E-14D03	M	222.0	01/14/85	174.0	48.0	5646
15S/14E-15D01	M	239.0	01/14/85	116.0	123.0	5646
15S/14E-17G01	M	269.0	01/15/85	237.0	31.0	5646
15S/14E-18Q02	M	310.0	01/14/85	261.0	49.0	5646
15S/14E-21E01	M	259.0	01/15/85	225.0	34.0	5646
15S/14E-21P01	M	247.0	01/15/85	235.0	12.0	5646
15S/14E-24N01	M	204.0	01/15/85	74.0	130.0	5646
15S/14E-25Q01	M	210.0	01/15/85	77.0	133.0	5646
15S/14E-26N02	M	228.0	01/14/85	192.0	36.0	5646
15S/14E-27Q02	M	234.0	01/14/85	193.0	41.0	5646
15S/14E-28N01	M		01/14/85	NM-4		5646
15S/14E-28Q01	M	253.0	01/14/85	223.0	30.0	5646
15S/14E-30R01	M		01/14/85	NM-9		5646
15S/14E-31D01	M	364.0	01/14/85	335.0	29.0	5646
15S/14E-31N03	M	370.0	01/14/85	362.0	8.0	5646
15S/14E-32N02	M	324.0	01/14/85	303.0	21.0	5646
15S/14E-34E01	M	246.0	01/14/85	154.0	92.0	5646
15S/14E-35B01	M	226.0	01/14/85	148.0	78.0	5646
15S/15E-05P01	M	178.0	11/28/84	37.0	141.0	5646
15S/15E-07Q03	M	188.0	11/28/84	51.0	137.0	5646
15S/15E-08Q01	M	179.0	11/28/84	45.0	134.0	5646
15S/15E-09D01	M		10/05/84	DRY		5001
15S/15E-09D02	M		10/12/84	DRY		5001
15S/15E-09D03	M	173.0	10/12/84	16.3	156.7	5001
15S/15E-15P04	M	170.0	10/05/84	26.0	144.0	5001
			02/20/85	32.0	138.0	
15S/15E-15Q01	M	170.0	11/29/84	46.0(8)	124.0	5646
15S/15E-16K01	M	172.0	10/05/84	55.8	116.2	5001
			02/20/85	NM-3		
15S/15E-16K02	M	176.0	11/29/84	48.0	128.0	5646
15S/15E-17Q01	M	183.0	11/29/84	45.0	138.0	5646
15S/15E-18N01	M	195.0	10/12/84	3.9	191.1	5001
15S/15E-18N02	M	195.0	10/05/84	3.8	191.2	5001
15S/15E-19M01	M	201.0	11/29/84	63.0	138.0	5646
15S/15E-20N02	M	196.0	11/29/84	56.0	140.0	5646
15S/15E-21B01	M	181.0	11/29/84	43.0	138.0	5646
15S/15E-21N02	M	182.0	11/29/84	57.0	125.0	5646
15S/15E-22N01	M	175.0	10/05/84	68.2	106.8	5001
			02/20/85	52.0	123.0	
15S/15E-22Q01	M	176.0	10/05/84	56.6	119.4	5001
			11/29/84	52.0	124.0	5646
			02/20/85	57.7	118.3	5001
15S/15E-23M01	M	173.0	11/29/84	55.0	118.0	5646
15S/15E-27Q01	M	189.0	11/29/84	70.0	119.0	5646
15S/15E-30N04	M	207.0	11/29/84	82.0	125.0	5646
15S/15E-35N01	M	202.5	11/29/84	87.0	115.5	5646
15S/15E-35P01	M	203.0	11/29/84	79.0	124.0	5646

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.A		WESTLANDS HA				
16S/13E-03R01	M		10/05/84	NM-9		5001
16S/14E-01Q03	M	268.0	12/12/84	171.0	97.0	5646
16S/14E-03B01	M	255.0	12/12/84	228.0	27.0	5646
16S/14E-03H01	M	273.0	12/12/84	234.0	39.0	5646
16S/14E-04D01	M	292.0	12/12/84	263.0	29.0	5646
16S/14E-04F01	M	305.0	12/12/84	272.5	32.5	5646
16S/14E-05L01	M	338.0	12/12/84	312.0	26.0	5646
16S/14E-05R01	M		10/05/84	DRY		5001
		350.0	12/12/84	316.0	34.0	5646
16S/14E-09N01	M	415.0	10/05/84	234.2	180.8	5001
16S/14E-11G02	M	309.0	12/12/84	268.0	41.0	5646
16S/14E-13B01	M	313.0	12/12/84	227.0	86.0	5646
16S/14E-14F01	M	357.0	12/12/84	318.0	39.0	5646
16S/14E-15Q01	M	407.0	12/12/84	267.5	139.5	5646
16S/14E-16N01	M		12/12/84	NM-5		5646
16S/14E-17H01	M	452.0	12/12/84	293.0	159.0	5646
16S/14E-24B01	M		12/12/84	NM-4		5646
16S/14E-25R01	M	417.0	12/12/84	378.0	39.0	5646
16S/14E-26A01	M		10/05/84	DRY		5001
16S/14E-27P01	M	502.0	12/12/84	472.0	30.0	5646
16S/14E-35F01	M	500.0	12/12/84	464.0	36.0	5646
16S/14E-36E01	M	475.0	12/12/84	439.0	36.0	5646
16S/15E-02Q01	M	215.0	11/30/84	94.0	121.0	5646
16S/15E-06P01	M		11/30/84	NM-4		5646
16S/15E-09E01	M	244.0	11/30/84	187.0	57.0	5646
16S/15E-10N04	M		11/30/84	NM-4		5646
16S/15E-12N01	M	228.0	11/30/84	116.0	112.0	5646
16S/15E-12R01	M	220.5	11/30/84	101.5	119.0	5646
16S/15E-17E01	M	283.0	11/30/84	222.0	61.0	5646
16S/15E-18M01	M		11/30/84	NM-4		5646
16S/15E-19R01	M	348.0	12/04/84	289.0	59.0	5646
16S/15E-22D01	M		11/30/84	NM-2		5646
16S/15E-22P01	M		11/30/84	NM-2		5646
16S/15E-23E03	M	264.0	11/30/84	175.0	89.0	5646
16S/15E-23N02	M	275.0	11/30/84	175.0	100.0	5646
16S/15E-24P01	M	256.0	12/04/84	158.0	98.0	5646
16S/15E-25E01	M	272.0	12/04/84	183.0	89.0	5646
16S/15E-25K01	M		12/04/84	NM-9		5646
16S/15E-25Q02	M		10/09/84	NM-4		5001
			02/21/85	NM-9		
16S/15E-26N03	M	292.0	12/05/84	186.0	106.0	5646
16S/15E-26P02	M		12/04/84	NM-2		5646
16S/15E-27Q01	M		11/30/84	NM-2		5646
16S/15E-31L01	M		12/04/84	NM-4		5646
16S/15E-32Q01	M		12/04/84	NM-4		5646
16S/15E-33J01	M	325.0	12/05/84	262.0	63.0	5646
16S/15E-35E02	M	304.0	12/05/84	234.0	70.0	5646
16S/15E-35Q04	M		12/05/84	NM-2		5646
16S/16E-03E01	M	174.5	10/15/84	42.7	131.8	5001
16S/16E-03E02	M	174.5	10/15/84	89.9	85.6	5001
16S/16E-05R02	M	188.0	10/09/84	71.0	117.0	5001
16S/16E-06N01	M	202.0	12/05/84	91.5	110.5	5646
16S/16E-07G01	M	206.0	12/05/84	98.0	108.0	5646
16S/16E-08E01	M	198.0	12/05/84	90.0	108.0	5646
16S/16E-08N04	M	205.0	10/09/84	98.2	106.8	5001
			02/21/85	132.4	72.6	
16S/16E-09N02	M	9999.8	12/05/84	(8)		5646
16S/16E-09N04	M	195.0	10/09/84	89.0	106.0	5001
			12/05/84	NM-5		5646
			02/21/85	126.7	68.3	5001
16S/16E-10P01	M		12/06/84	NM-9		5646
16S/16E-14N01	M	186.0	10/09/84	120.0	66.0	5001
			12/06/84	109.5	76.5	5646
			02/21/85	123.9	62.1	5001
16S/16E-15N01	M	202.0	12/06/84	111.0	91.0	5646
16S/16E-16N02	M	210.0	12/05/84	119.0	91.0	5646
16S/16E-18P01	M	228.0	12/05/84	129.0	99.0	5646
16S/16E-22E01	M	201.0	12/06/84	120.5	80.5	5646
16S/16E-23N03	M		12/06/84	NM-4		5646
16S/16E-24P01	M		12/06/84	NM-5		5646
16S/16E-25N01	M	195.0	12/06/84	125.5	69.5	5646
16S/16E-27H01	M	196.0	12/06/84	128.0	68.0	5646
16S/16E-28J01	M	212.0	12/06/84	129.0	83.0	5646
16S/16E-30M01	M	257.0	12/05/84	173.5	83.5	5646
16S/16E-31N01	M	278.0	12/05/84	202.5	75.5	5646
16S/16E-32E02	M		12/05/84	NM-6		5646
16S/16E-32F01	M	248.0	12/05/84	170.0	78.0	5646
16S/16E-34H01	M		12/06/84	NM-9		5646
16S/16E-36N02	M		12/06/84	NM-4		5646
16S/17E-20M01	M	186.0	12/06/84	132.0	54.0	5646
16S/17E-20N02	M		10/09/84	DRY		5001
16S/17E-30M01	M	189.0	10/09/84	141.0	48.0	5001
			02/21/85	NM-3		
16S/17E-33R01	M	195.0	12/06/84	165.0	30.0	5646
16S/17E-34N03	M		12/06/84	NM-1		5646
16S/17E-34P01	M		12/06/84	NM-1		5646
16S/17E-35Q01	M		10/09/84	NM-4		5001
			02/21/85	NM-9		
17S/14E-01A01	M		12/12/84	NM-4		5646
17S/14E-02D01	M		10/12/84	DRY		5001
17S/14E-13A01	M	438.0	12/12/84	432.0	6.0	5646
17S/14E-14A02	M		10/12/84	DRY		5001
17S/14E-24A03	M		12/12/84	NM-4		5646
17S/15E-02N01	M	333.0	12/12/84	258.0	75.0	5646
17S/15E-03E01	M	349.5	12/12/84	287.0	62.5	5646
17S/15E-06H01	M	385.0	12/12/84	341.0	44.0	5646
17S/15E-06P02	M	419.0	10/12/84	302.3	116.7	5001
17S/15E-07D01	M	443.0	10/12/84	315.6	127.4	5001
17S/15E-09N02	M	390.0	12/10/84	343.0	47.0	5646
17S/15E-10N01	M	371.0	12/12/84	312.0	59.0	5646
17S/15E-13A01	M	310.0	11/30/84	247.0	63.0	5646
17S/15E-16B01	M	384.0	12/10/84	329.0	55.0	5646
17S/15E-16R01	M	386.0	12/12/84	330.0	56.0	5646
17S/15E-17D01	M	417.0	12/10/84	366.0	51.0	5646
17S/15E-17R01	M	416.0	10/12/84	287.4	128.6	5001
17S/15E-19A01	M		12/12/84	NM-4		5646
17S/15E-19E01	M		12/12/84	NM-4		5646
17S/15E-19K01	M		12/12/84	NM-9		5646
17S/15E-20C01	M	429.0	12/12/84	340.0	89.0	5646
17S/15E-21E01	M	425.0	12/12/84	394.0	31.0	5646
17S/15E-21N01	M	430.0	12/12/84	395.0	35.0	5646
17S/15E-21R01	M	407.0	12/12/84	352.0	55.0	5646
17S/15E-23D01	M	360.0	12/12/84	289.0(8)	71.0	5646
17S/15E-23N02	M	372.0	12/12/84	307.0	65.0	5646

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.A		WESTLANDS HA				
17S/15E-24001	M	328.0	12/12/84	244.0	84.0	5646
17S/15E-26A01	M	345.0	12/11/84	275.0	70.0	5646
17S/15E-26H01	M	351.0	12/11/84	289.0	62.0	5646
17S/15E-26J01	M	353.0	12/11/84	276.0	77.0	5646
17S/15E-26L01	M	373.0	12/11/84	317.0	56.0	5646
17S/15E-26R01	M	358.0	12/11/84	259.0	99.0	5646
17S/15E-29D01	M	467.0	12/11/84	497.0	-30.0	5646
17S/15E-29H01	M	449.0	12/12/84	423.0	26.0	5646
17S/15E-31G01	M		12/10/84	NM-4		5646
17S/15E-34D01	M	430.0	12/10/84	337.0	93.0	5646
17S/15E-36B01	M	342.0	12/11/84	283.0	59.0	5646
17S/15E-36D02	M	344.0	12/11/84	283.0	61.0	5646
17S/16E-01N02	M	263.0	11/30/84	145.2	117.8	5646
17S/16E-04M01	M	253.0	11/30/84	171.0	82.0	5646
17S/16E-04R02	M	237.0	11/30/84	157.0	80.0	5646
17S/16E-06N02	M	297.0	11/30/84	234.0	63.0	5646
17S/16E-07R01	M		11/30/84	NM-4		5646
17S/16E-08M02	M		11/30/84	NM-1		5646
17S/16E-11Q01	M	223.0	11/30/84	156.0	67.0	5646
17S/16E-14N01	M	231.0	11/30/84	158.0	73.0	5646
17S/16E-15N01	M	246.0	11/30/84	180.0	66.0	5646
17S/16E-16B01	M	249.0	11/30/84	181.0	68.0	5646
17S/16E-18P01	M	297.0	11/30/84	199.0	98.0	5646
17S/16E-19N02	M	313.0	12/12/84	231.0	82.0	5646
17S/16E-20F01	M	275.0	12/12/84	206.0	69.0	5646
17S/16E-23N04	M		12/12/84	NM-5		5646
17S/16E-25M01	M	239.0	11/28/84	167.0	72.0	5646
17S/16E-26N04	M	247.0	11/29/84	168.0	79.0	5646
17S/16E-26Q02	M	246.0	11/29/84	164.7	81.3	5646
17S/16E-28F01	M	258.0	12/11/84	159.0	99.0	5646
17S/16E-28N01	M	272.0	12/11/84	184.0	88.0	5646
17S/16E-30A03	M	290.0	10/02/84	29.2	260.8	5001
			01/24/85	28.1	261.9	
17S/16E-30F01	M	305.0	12/12/84	287.0	18.0	5646
17S/16E-32D01	M		12/11/84	NM-4		5646
17S/16E-35N02	M	254.5	11/29/84	186.5	68.0	5646
17S/16E-36Q02	M	252.5	11/29/84	184.5	68.0	5646
17S/17E-04Q01	M	200.0	12/07/84	146.0	54.0	5646
17S/17E-05N03	M	204.0	12/07/84	141.0	63.0	5646
17S/17E-06N01	M	211.0	12/07/84	141.0	70.0	5646
17S/17E-08Q01	M	209.0	12/07/84	148.0	61.0	5646
17S/17E-15N02	M	215.0	12/07/84	160.0	55.0	5646
17S/17E-16Q01	M	201.5	12/07/84	150.0	51.5	5646
17S/17E-19N02	M	232.0	12/07/84	159.0	73.0	5646
17S/17E-20N01	M		12/07/84	NM-4		5646
17S/17E-21E01	M	218.0	12/07/84	141.0	77.0	5646
17S/17E-21N01	M	225.0	12/07/84	148.0	77.0	5646
17S/17E-21P02	M	225.0	12/07/84	149.5	75.5	5646
17S/17E-21R01	M	223.0	12/07/84	143.0	80.0	5646
17S/17E-23K01	M		12/06/84	NM-1		5646
17S/17E-24M01	M		12/06/84	NM-4		5646
17S/17E-26E03	M	227.0	12/13/84	160.0	67.0	5646
17S/17E-27Q03	M	228.0	12/13/84	160.0	68.0	5646
17S/17E-27R01	M	235.0	12/13/84	159.0	76.0	5646
17S/17E-28Q01	M	234.0	12/13/84	153.0	81.0	5646
17S/17E-29E01	M		12/07/84	NM-4		5646
17S/17E-29R02	M	235.0	12/13/84	151.0	84.0	5646
17S/17E-30P02	M	238.0	12/07/84	161.0	77.0	5646
17S/17E-31Q02	M	249.0	12/13/84	173.0	76.0	5646
17S/17E-31R01	M		12/13/84	NM-4		5646
17S/17E-32N01	M	250.0	12/13/84	173.0	77.0	5646
17S/17E-34N02	M	248.0	12/05/84	162.0	86.0	5646
17S/17E-34P01	M	243.0	12/05/84	160.0	83.0	5646
17S/17E-35P01	M	234.0	12/13/84	154.0	80.0	5646
17S/17E-35R02	M	234.0	12/13/84	148.0(8)	86.0	5646
17S/18E-29N01	M	218.0	10/25/84	138.0(9)	80.0	5001
			12/13/84	138.0	80.0	5646
			02/21/85	150.0(9)	68.0	5001
17S/18E-30Q01	M	222.0	12/13/84	143.0	79.0	5646
17S/18E-31N02	M		12/13/84	NM-4		5646
17S/18E-34E01	M	214.0	12/06/84	125.0	89.0	5646
18S/15E-02H01	M	383.0	12/11/84	333.0	50.0	5646
18S/15E-04N01	M	505.0	12/10/84	624.0	-119.0	5646
18S/15E-04N02	M		10/18/84	DRY		5001
18S/15E-05E01	M	529.0	12/10/84	711.0	-182.0	5646
18S/15E-08R01	M		12/11/84	NM-4		5646
18S/15E-10N01	M	530.0	12/10/84	611.0	-81.0	5646
18S/15E-15Q01	M	538.0	12/11/84	722.0	-184.0	5646
18S/15E-16M01	M	635.0	12/11/84	673.0	-38.0	5646
18S/15E-22E01	M	613.0	12/11/84	574.0	39.0	5646
18S/15E-23E01	M	528.0	12/11/84	657.0	-129.0	5646
18S/15E-24N01	M	480.0	12/11/84	485.0	-5.0	5646
18S/16E-01N01	M	269.0	11/28/84	188.0	81.0	5646
18S/16E-01Q01	M	261.0	11/29/84	181.0	80.0	5646
18S/16E-02N01	M	264.0	11/29/84	190.0	74.0	5646
18S/16E-02R01	M	264.0	11/29/84	197.0	67.0	5646
18S/16E-04N02	M	284.0	11/29/84	102.0	182.0	5646
18S/16E-06F01	M	320.0	12/11/84	250.0	70.0	5646
18S/16E-06M01	M	342.0	12/11/84	272.0	70.0	5646
18S/16E-08D01	M	318.0	12/11/84	239.0	79.0	5646
18S/16E-08N01	M	332.0	12/11/84	262.0	70.0	5646
18S/16E-12P01	M	275.0	11/29/84	200.0	75.0	5646
18S/16E-14R03	M	284.0	11/29/84	202.0	82.0	5646
18S/16E-15N02	M	292.0	11/29/84	216.0	76.0	5646
18S/16E-18A02	M	340.0	12/11/84	272.0	68.0	5646
18S/16E-20C01	M		12/11/84	NM-9		5646
18S/16E-23A01	M	285.0	10/16/84	17.1	267.9	5001
18S/16E-23A02	M	285.0	10/16/84	21.3	263.7	5001
18S/16E-24H03	M	291.0	11/29/84	221.0	70.0	5646
18S/16E-24Q02	M	295.0	11/29/84	209.0	86.0	5646
18S/16E-26F02	M	313.0	11/29/84	225.0	88.0	5646
18S/16E-30P01	M	405.0	12/11/84	349.0	56.0	5646
18S/16E-31N01	M	510.0	12/11/84	622.0	-112.0	5646
18S/16E-33Q01	M	348.0	12/12/84	310.0	38.0	5646
18S/16E-34N01	M	335.0	12/12/84	286.0	49.0	5646
18S/16E-36G01	M	317.0	11/29/84	241.0	76.0	5646
18S/17E-01P01	M	242.0	12/13/84	153.0	89.0	5646
18S/17E-03P01	M	252.0	12/05/84	168.0	84.0	5646
18S/17E-05N04	M	260.0	10/15/84	8.7	251.3	5001
18S/17E-07L02	M	267.0	12/05/84	155.0	112.0	5646
18S/17E-08M01	M	273.0	12/05/84	190.0(8)	83.0	5646

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C	TULARE LAKE HB					
C-01	SOUTH VALLEY FLOOR HU					
C-01.A	WESTLANDS HA					
18S/17E-08P01	M	267.0	12/05/84	185.0	82.0	5646
18S/17E-11N02	M		12/04/84	NM-4		5646
18S/17E-11Q01	M	254.0	12/04/84	154.0	100.0	5646
18S/17E-12N01	M	253.0	12/04/84	159.0	94.0	5646
18S/17E-13N02	M	261.0	12/05/84	159.0	102.0	5646
18S/17E-13P01	M	260.0	12/05/84	152.0	108.0	5646
18S/17E-14Q01	M	262.0	12/05/84	155.0	107.0	5646
18S/17E-15M01	M	267.0	12/05/84	171.5	95.5	5646
18S/17E-15N01	M	279.0	12/05/84	186.0	93.0	5646
18S/17E-17E01	M	284.0	12/05/84	197.0	87.0	5646
18S/17E-19F01	M	288.0	12/05/84	200.0	88.0	5646
18S/17E-19N02	M		12/05/84	NM-4		5646
18S/17E-20F01	M	283.0	12/05/84	178.0	105.0	5646
18S/17E-20N02	M	291.0	12/05/84	190.0	101.0	5646
18S/17E-22P01	M	290.0	12/05/84	182.0	108.0	5646
18S/17E-23E03	M	266.0	12/05/84	169.0	97.0	5646
18S/17E-23M01	M	270.0	12/05/84	174.0	96.0	5646
18S/17E-27G01	M	285.0	12/05/84	185.5	99.5	5646
18S/17E-28N02	M		12/05/84	NM-9		5646
18S/17E-30M01	M		12/05/84	NM-4		5646
18S/17E-32P01	M	312.0	12/05/84	218.0	94.0	5646
18S/17E-34E02	M	296.0	12/05/84	179.0	117.0	5646
18S/17E-34H01	M	285.0	12/05/84	179.2	105.8	5646
18S/17E-35R01	M		10/18/84	DRY		5001
18S/17E-35R02	M	283.0	10/18/84	51.4	231.6	5001
18S/17E-36N03	M	282.0	12/05/84	180.0	102.0	5646
18S/18E-02R01	M	218.0	12/04/84	109.0	109.0	5646
18S/18E-05K01	M	231.0	12/04/84	135.0	96.0	5646
18S/18E-05N02	M	236.0	12/04/84	137.0	99.0	5646
18S/18E-05Q02	M	232.5	12/04/84	135.0	97.5	5646
18S/18E-07M02	M	248.0	12/04/84	145.0	103.0	5646
18S/18E-07R02	M	243.0	10/25/84	141.0(9)	102.0	5001
			12/04/84	137.0	106.0	5646
			02/21/85	167.0(9)	76.0	5001
18S/18E-08E01	M	240.0	10/25/84	148.0(9)	92.0	5001
			12/04/84	142.0	98.0	5646
			02/21/85	165.0(9)	75.0	5001
18S/18E-09E01	M	235.0	10/25/84	138.0(9)	97.0	5001
			12/04/84	135.0	100.0	5646
			02/21/85	155.0(9)	80.0	5001
18S/18E-09N01	M	239.0	12/04/84	135.5	103.5	5646
18S/18E-13N02	M	230.0	10/25/84	123.0(9)	107.0	5001
			02/21/85	134.0(9)	96.0	
18S/18E-14H01	M	225.5	12/05/84	116.0	109.5	5646
18S/18E-18N01	M	260.0	12/05/84	155.6	104.4	5646
18S/18E-22E01	M	241.0	12/05/84	139.0	102.0	5646
18S/18E-22F01	M	240.0	12/05/84	122.0(8)	118.0	5646
18S/18E-23N03	M	240.0	12/05/84	120.0	120.0	5646
18S/18E-24E01	M	231.0	12/05/84	118.0	113.0	5646
18S/18E-26D01	M	244.0	12/05/84	121.0	123.0	5646
18S/18E-27N03	M	255.0	12/05/84	140.0	115.0	5646
18S/18E-27Q01	M	253.0	12/05/84	144.0	109.0	5646
18S/18E-30J02	M	262.0	10/15/84	23.4	238.6	5001
18S/18E-31N02	M	275.0	12/05/84	178.0	97.0	5646
18S/18E-32E01	M	267.0	12/05/84	165.0	102.0	5646
18S/18E-33L01	M	261.0	12/05/84	137.0	124.0	5646
18S/18E-35N04	M	253.0	12/05/84	125.0	128.0	5646
18S/19E-07N01	M	218.0	10/26/84	110.0(9)	108.0	5001
			02/21/85	128.0(9)	90.0	
18S/19E-20M01	M	225.0	12/04/84	78.0	147.0	5646
18S/19E-28N01	M	219.0	12/04/84	97.8	121.2	5646
19S/16E-10Q01	M	372.0	11/28/84	373.0	-1.0	5646
19S/16E-10E01	M	355.0	11/28/84	383.0	-28.0	5646
19S/16E-11A01	M	347.0	11/28/84	273.0	74.0	5646
19S/16E-11Q01	M		11/28/84	NM-4		5646
19S/16E-14N01	M	376.0	11/28/84	353.0	23.0	5646
19S/16E-15N01	M	395.0	11/28/84	472.0	-77.0	5646
19S/16E-17P01	M		11/29/84	NM-5		5646
19S/16E-21M01	M		11/29/84	NM-4		5646
19S/16E-22N01	M	409.0	11/28/84	474.0	-65.0	5646
19S/16E-23P01	M	400.0	11/28/84	379.0	21.0	5646
19S/16E-25Q01	M	400.0	11/29/84	687.0	-287.0	5646
19S/16E-26N01	M		11/29/84	NM-5		5646
19S/16E-27M01	M	435.0	11/29/84	513.0	-78.0	5646
19S/16E-29K01	M	540.0	11/29/84	642.0	-102.0	5646
19S/16E-33D01	M	510.0	11/29/84	530.0	-20.0	5646
19S/16E-33N01	M	504.0	11/29/84	502.0	2.0	5646
19S/16E-34P01	M	426.0	11/29/84	492.0	-66.0	5646
19S/16E-35B01	M		11/29/84	NM-4		5646
19S/16E-35N01	M	430.0	11/29/84	408.0	22.0	5646
19S/16E-35Q01	M	424.0	11/29/84	374.0	50.0	5646
19S/17E-02E01	M	294.0	11/30/84	201.0	93.0	5646
19S/17E-03N02	M	311.0	11/30/84	205.0	106.0	5646
19S/17E-04E01	M		11/30/84	NM-4		5646
19S/17E-05Q01	M	322.0	11/30/84	208.0	114.0	5646
19S/17E-06A02	M		11/30/84	NM-4		5646
19S/17E-06D01	M		11/30/84	NM-4		5646
19S/17E-07L01	M	344.0	12/04/84	240.0	104.0	5646
19S/17E-07P01	M		12/04/84	NM-9		5646
19S/17E-08H01	M	324.0	11/30/84	229.0	95.0	5646
19S/17E-12E01	M	300.0	11/30/84	107.0	193.0	5646
19S/17E-14C01	M		11/30/84	NM-4		5646
19S/17E-15EC1	M	327.5	11/30/84	298.0	29.5	5646
19S/17E-17D01	M	351.0	11/30/84	268.5	82.5	5646
19S/17E-17H01	M	336.0	11/30/84	191.0	145.0	5646
19S/17E-19N01	M	384.0	12/03/84	257.0	127.0	5646
19S/17E-20J01	M	352.5	12/03/84	260.0	92.5	5646
19S/17E-20N01	M	371.0	12/03/84	272.0	99.0	5646
19S/17E-20Q01	M	363.0	12/03/84	250.0	113.0	5646
19S/17E-22J03	M	328.0	12/03/84	224.0	104.0	5646
19S/17E-22M01	M	341.0	12/03/84	260.0	81.0	5646
19S/17E-26H01	M		12/03/84	NM-4		5646
19S/17E-26N01	M	345.0	12/03/84	268.0	77.0	5646
19S/17E-27E01	M	350.0	12/03/84	280.0	70.0	5646
19S/17E-27H01	M	340.0	12/03/84	256.0	84.0	5646
19S/17E-28EC1	M	363.0	12/03/84	296.0	107.0	5646
19S/17E-28P01	M	365.0	12/03/84	293.0	72.0	5646
19S/17E-30A02	M	371.0	10/18/84	232.2	138.8	5001
19S/17E-30J01	M	375.0	12/03/84	311.0	64.0	5646
19S/17E-30P01	M	385.0	12/03/84	338.0	47.0	5646
19S/17E-31N01	M	410.0	11/29/84	358.0	52.0	5646
19S/17E-33N01	M		12/03/84	NM-4		5646
19S/17E-34E01	M	363.0	12/03/84	306.0	57.0	5646
19S/18E-03N02	M	265.0	12/10/84	284.0	-19.0	5646

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C	TULARE LAKE HB				
C-01	SOUTH VALLEY FLOOR HU				
C-01.A	WESTLANDS HA				
19S/18E-04G01 M		12/10/84	NM-4		5646
	266.0	12/13/84	72.0	194.0	
19S/18E-04G02 M		12/10/84	NM-5		5646
19S/18E-06E01 M	284.0	12/10/84	201.0	83.0	5646
19S/18E-08N01 M	287.0	12/10/84	174.0	113.0	5646
19S/18E-09N02 M	283.0	12/10/84	159.0	124.0	5646
19S/18E-18E01 M	298.0	12/10/84	190.0	108.0	5646
19S/18E-19M01 M	307.0	12/10/84	198.0	109.0	5646
19S/18E-20D02 M	293.0	12/10/84	178.0	115.0	5646
19S/18E-20M01 M	295.0	12/10/84	179.0	116.0	5646
19S/18E-22N01 M	278.0	12/10/84	150.0	128.0	5646
19S/18E-24N01 M	263.0	12/10/84	132.0	131.0	5646
19S/18E-28N01 M	303.0	12/10/84	178.0	125.0	5646
19S/18E-31N01 M	323.0	12/10/84	247.0	76.0	5646
19S/18E-32E01 M		12/10/84	NM-4		5646
19S/18E-33M02 M	298.0	10/18/84	94.3	203.7	5001
19S/19E-03D01 M		12/13/84	NM-1		5646
19S/19E-03D03 M	216.0	10/29/84	90.0	126.0	5050
		02/20/85	85.0(9)	131.0	5001
19S/19E-04E01 M		10/29/84	NM-9		5001
		12/13/84	NM-6		5646
	224.0	02/20/85	99.0(9)	125.0	5001
19S/19E-04F01 M	223.0	10/29/84	100.0(9)	123.0	5050
		02/20/85	93.0(9)	130.0	5001
19S/19E-04G01 M	223.0	10/29/84	70.5(9)	152.5	5050
		02/20/85	69.5	153.5	5001
19S/19E-08N01 M		12/13/84	NM-4		5646
19S/19E-10E01 M		12/13/84	NM-1		5646
19S/19E-10E02 M		02/20/85	NM-7		5050
19S/19E-15A02 M	216.0	10/15/84	19.7	196.3	5001
19S/19E-15N01 M	229.0	12/13/84	96.0	133.0	5646
19S/19E-16N02 M		10/15/84	NM-9		5001
19S/19E-16N03 M		10/15/84	NM-9		5001
19S/19E-19K01 M	246.0	10/29/84	126.7(9)	119.3	5050
		12/10/84	129.7	116.3	5646
		02/20/85	119.7(9)	126.3	5001
19S/19E-20M01 M	241.0	12/10/84	148.0	93.0	5646
19S/19E-27D01 M	225.0	12/13/84	97.0	128.0	5646
19S/19E-28K01 M	229.0	12/13/84	96.0	133.0	5646
19S/19E-30B02 M	248.0	12/10/84	140.0	108.0	5646
19S/19E-31D03 M	254.0	12/10/84	150.0	104.0	5646
19S/19E-33E01 M	234.0	12/13/84	120.0	114.0	5646
20S/16E-01D01 M	417.0	11/29/84	346.0	71.0	5646
20S/16E-03N01 M		12/04/84	NM-4		5646
20S/16E-03R01 M	448.0	12/04/84	436.0	12.0	5646
20S/16E-04P03 M	475.0	12/04/84	487.0	-12.0	5646
20S/16E-09L01 M		10/04/84	DRY		5001
	485.0	12/04/84	568.0	-83.0	5646
		04/12/85	DRY		5001
20S/16E-10H03 M	455.0	10/04/84	454.9	.1	5001
20S/17E-02M01 M	362.0	12/03/84	287.0	75.0	5646
20S/17E-02P01 M	356.0	12/05/84	285.0	71.0	5646
20S/17E-03Q01 M	373.0	12/05/84	258.0	115.0	5646
20S/17E-04N01 M	397.0	12/03/84	376.0	21.0	5646
20S/17E-05N01 M	413.0	12/03/84	332.0	81.0	5646
20S/17E-06A01 M	400.0	12/03/84	393.0	7.0	5646
20S/17E-06C01 M	401.0	11/29/84	349.0	52.0	5646
20S/17E-06H01 M	400.0	12/05/84	353.0	47.0	5646
20S/17E-06N01 M	424.0	12/03/84	348.0	76.0	5646
20S/17E-06P01 M	414.0	12/03/84	311.0	103.0	5646

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.A		WESTLANDS HA				
20S/17E-08J01	M	407.5	12/03/84	360.0	47.5	5646
20S/17E-08N01	M		12/03/84	NM-4		5646
20S/17E-09N03	M	411.0	12/05/84	360.0	51.0	5646
20S/17E-10N01	M	393.0	12/05/84	309.0	84.0	5646
20S/17E-11N03	M	268.0	10/04/84	222.8	45.2	5001
20S/17E-12N01	M	353.0	12/05/84	288.0	65.0	5646
20S/17E-14N02	M	374.0	12/05/84	285.0	89.0	5646
20S/17E-14N03	M	374.0	12/05/84	334.0	40.0	5646
20S/17E-16H01	M	398.0	12/05/84	350.0	48.0	5646
20S/17E-18E02	M	448.0	12/04/84	413.0	35.0	5646
20S/17E-19P01	M	454.0	12/04/84	465.0	-11.0	5646
20S/17E-19P02	M	454.0	12/04/84	452.0	2.0	5646
20S/17E-21E03	M		12/05/84	NM-1		5646
20S/17E-22D03	M	400.0	12/05/84	357.0	43.0	5646
20S/17E-27B01	M	388.0	12/05/84	310.0	78.0	5646
20S/17E-28B01	M	409.0	12/05/84	341.0	68.0	5646
20S/17E-28D01	M	415.0	12/05/84	401.6	14.4	5646
20S/17E-28J01	M	402.0	12/05/84	357.0	45.0	5646
20S/17E-29N02	M	449.0	12/05/84	461.0	-12.0	5646
20S/17E-30N02	M		12/05/84	NM-4		5646
20S/17E-31Q01	M		12/05/84	NM-9		5646
20S/17E-32F01	M	447.0	12/05/84	479.0	-32.0	5646
20S/17E-32R01	M	434.0	10/04/84	394.1	39.9	5001
20S/17E-34C01	M	393.0	12/05/84	305.0	88.0	5646
20S/17E-34F06	M	392.0	12/05/84	324.0	68.0	5646
20S/17E-36A01	M	342.0	12/06/84	230.0	112.0	5646
20S/17E-36E01	M	355.0	12/06/84	263.0	92.0	5646
20S/17E-36J01	M	340.0	12/07/84	274.5	65.5	5646
20S/18E-03D01	M	286.0	12/10/84	170.0	116.0	5646
20S/18E-05D01	M	315.0	12/10/84	237.0	78.0	5646
20S/18E-05H01	M	301.0	12/11/84	200.0	101.0	5646
20S/18E-08A01	M	303.0	12/11/84	214.0	89.0	5646
20S/18E-08G01	M	310.0	12/11/84	208.0	102.0	5646
20S/18E-09N01	M	304.0	12/11/84	213.0	91.0	5646
20S/18E-14E01	M	277.0	12/11/84	169.0	108.0	5646
20S/18E-14N01	M	278.0	12/11/84	161.0	117.0	5646
20S/18E-16E01	M	304.0	12/11/84	208.0	96.0	5646
20S/18E-18D01	M	330.0	12/11/84	166.0	164.0	5646
20S/18E-19P01	M		12/11/84	NM-4		5646
20S/18E-20B01	M	311.0	12/11/84	241.0	70.0	5646
20S/18E-20K01	M		12/11/84	NM-4		5646
20S/18E-20Q01	M	312.0	12/11/84	248.0	64.0	5646
20S/18E-21M01	M	304.0	12/11/84	235.0	69.0	5646
20S/18E-23N01	M	285.0	12/11/84	190.0	95.0	5646
20S/18E-24E01	M	264.0	12/11/84	172.0	92.0	5646
20S/18E-24G01	M	262.0	12/11/84	138.0	124.0	5646
20S/18E-25D03	M	263.0	12/11/84	189.0	74.0	5646
20S/18E-26K01	M	268.0	12/11/84	156.0	112.0	5646
20S/18E-27C02	M	285.0	12/11/84	208.0	77.0	5646
20S/18E-27M01	M	288.0	12/11/84	282.0	6.0	5646
20S/18E-28A01	M		12/11/84	NM-1		5646
20S/18E-28D01	M		12/11/84	NM-1		5646
20S/18E-28F02	M		12/11/84	NM-1		5646
20S/18E-29N02	M	320.0	12/11/84	222.0	98.0	5646
20S/18E-30E02	M	338.0	12/11/84	257.0	81.0	5646

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.A		WESTLANDS HA				
20S/18E-32E01	M	319.0	12/11/84	244.0	75.0	5646
20S/18E-33E01	M	307.0	12/11/84	150.0	157.0	5646
20S/18E-33E02	M	304.0	12/11/84	192.0	112.0	5646
20S/18E-34B01	M		12/11/84	NM-5		5646
20S/18E-34D01	M	289.0	12/11/84	195.0	94.0	5646
20S/18E-34N01	M	285.0	10/04/84	23.2	261.8	5001
20S/18E-34N02	M	285.0	10/04/84	43.0	242.0	5001
20S/18E-35D02	M		12/11/84	NM-4		5646
20S/18E-36D01	M		12/11/84	NM-4		5646
20S/19E-02A01	M		12/13/84	NM-1		5646
20S/19E-02D01	M	214.0	10/29/84	88.0	126.0	5050
			02/20/85	89.0(9)	125.0	5001
20S/19E-02E01	M	215.0	10/29/84	87.0	128.0	5050
			02/20/85	87.0(9)	128.0	5001
20S/19E-02J01	M	205.0	10/29/84	77.0	128.0	5050
			12/13/84	87.0	118.0	5646
			02/20/85	76.0(9)	129.0	5001
20S/19E-04D01	M	239.0	12/13/84	90.0	149.0	5646
20S/19E-04H01	M	225.0	12/17/84	99.0	126.0	5646
20S/19E-04R01	M	224.0	12/17/84	98.0	126.0	5646
20S/19E-05N02	M	243.0	12/17/84	102.0	141.0	5646
20S/19E-06D01	M		12/10/84	NM-4		5646
		253.0	02/20/85	132.0(9)	121.0	5050
20S/19E-08M01	M	245.0	12/17/84	108.5	136.5	5646
20S/19E-10E01	M	225.0	10/29/84	100.0(9)	125.0	5050
			12/17/84	111.0	114.0	5646
			02/20/85	100.0(9)	125.0	5001
20S/19E-10N02	M	225.0	10/29/84	106.0(9)	119.0	5050
			12/17/84	103.0	122.0	5646
			02/20/85	103.0(9)	122.0	5001
20S/19E-11A02	M	205.0	12/17/84	97.0	108.0	5646
20S/19E-11J01	M	205.0	12/17/84	158.0	47.0	5646
20S/19E-14A01	M	205.0	12/17/84	131.0	74.0	5646
20S/19E-14F01	M	208.5	12/17/84	81.0	127.5	5646
20S/19E-14P01	M	205.0	12/17/84	81.0	124.0	5646
20S/19E-15E01	M	225.0	10/29/84	101.5	123.5	5050
			12/17/84	100.5	124.5	5646
			02/20/85	101.5(9)	123.5	5001
20S/19E-16M01	M		12/17/84	NM-4		5646
			02/20/85	NM-7		5050
20S/19E-18D01	M	253.0	12/17/84	114.5	138.5	5646
20S/19E-19B02	M		12/17/84	NM-4		5646
20S/19E-19D02	M		12/17/84	NM-4		5646
20S/19E-19N01	M	252.0	12/17/84	130.0	122.0	5646
20S/19E-19R01	M	242.0	12/17/84	140.0	102.0	5646
20S/19E-29J01	M	229.0	12/17/84	120.0	109.0	5646
20S/19E-35M01	M		12/17/84	NM-4		5646
21S/16E-01M01	M		12/06/84	NM-4		5646
21S/16E-01P01	M	541.0	12/06/84	206.0	335.0	5646
21S/16E-02N02	M	569.0	12/28/84	297.0(9)	272.0	5050
21S/16E-11E01	M	578.0	12/28/84	309.0(9)	269.0	5050
21S/16E-11K01	M	569.0	12/06/84	306.0	263.0	5646
21S/16E-11K02	M	570.0	12/28/84	305.0(9)	265.0	5050
21S/16E-12M02	M	563.0	12/28/84	235.0(9)	328.0	5050
21S/16E-14D01	M	591.0	12/06/84	338.0	253.0	5646
			12/28/84	332.0(9)	259.0	5050
21S/17E-01D01	M	365.0	12/06/84	267.0	98.0	5646
21S/17E-01F01	M	348.0	12/06/84	296.0	52.0	5646
21S/17E-02G01	M	375.0	12/06/84	303.0	72.0	5646
21S/17E-03M01	M	412.0	12/06/84	451.0	-39.0	5646
21S/17E-04G01	M	429.0	12/06/84	480.0	-51.0	5646
21S/17E-06B01	M	493.0	12/06/84	478.0	15.0	5646
21S/17E-11N01	M	444.0	12/07/84	464.0	-20.0	5646
21S/17E-13N02	M	427.0	12/07/84	428.0	-1.0	5646
21S/17E-14H01	M	400.0	12/07/84	426.0	-26.0	5646
21S/17E-14N02	M	493.0	12/07/84	534.0	-41.0	5646
21S/17E-14N03	M	475.0	12/07/84	526.0	-51.0	5646
21S/17E-14P01	M	460.0	10/10/84	451.5	8.5	5001
21S/17E-24G01	M		12/07/84	NM-4		5646
21S/17E-25H01	M	455.0	12/07/84	406.0	49.0	5646
21S/18E-01B01	M		12/12/84	NM-4		5646
21S/18E-02A01	M		12/12/84	NM-6		5646
21S/18E-02D03	M		12/12/84	NM-4		5646
21S/18E-03G01	M		12/12/84	NM-4		5646
21S/18E-05C01	M	315.0	12/12/84	233.0	82.0	5646
21S/18E-06G01	M	326.0	12/12/84	234.0	92.0	5646
21S/18E-08R01	M		12/12/84	NM-4		5646
21S/18E-11C01	M		12/12/84	NM-4		5646
21S/18E-11D02	M		12/12/84	NM-4		5646
21S/18E-12D01	M	265.0	12/12/84	261.0	4.0	5646
			02/21/85	140.0(9)	125.0	5050
21S/18E-15C01	M		12/12/84	NM-4		5646
21S/18E-15D04	M	288.0	12/12/84	138.0	150.0	5646
21S/18E-15M01	M	274.0	12/12/84	194.0	80.0	5646
21S/18E-16E01	M	290.0	12/12/84	207.0	83.0	5646
21S/18E-18G03	M	320.0	12/12/84	237.0	83.0	5646
21S/18E-20E01	M	340.0	12/14/84	298.0	42.0	5646
21S/18E-21E01	M	287.0	12/12/84	176.0	111.0	5646
21S/18E-21H01	M	274.0	12/12/84	185.0	89.0	5646
21S/18E-21M01	M	305.0	12/12/84	179.0	126.0	5646
21S/18E-22G01	M	266.0	12/12/84	208.0	58.0	5646
21S/18E-23D06	M	261.0	12/12/84	189.0	72.0	5646
21S/18E-23E01	M	261.0	12/12/84	198.0	63.0	5646
21S/18E-26C01	M	253.0	12/14/84	190.0	63.0	5646
21S/18E-26N01	M	267.0	12/14/84	178.0	89.0	5646
21S/18E-27B01	M	275.0	12/14/84	117.0	158.0	5646
21S/18E-27K01	M	286.0	12/14/84	130.0	156.0	5646
21S/18E-28C01	M	317.0	12/12/84	188.0	129.0	5646
21S/18E-28E01	M	354.0	12/14/84	253.0	101.0	5646
21S/18E-28G03	M		12/14/84	NM-4		5646
21S/18E-28Q02	M	350.0	12/14/84	272.0	78.0	5646
21S/18E-29D01	M	399.0	12/14/84	369.0	30.0	5646
21S/18E-30P01	M	465.0	12/14/84	492.0	-27.0	5646
21S/18E-32C01	M	421.0	12/14/84	378.0	43.0	5646
21S/18E-32R01	M		12/14/84	NM-4		5646
21S/18E-33B01	M	362.0	12/14/84	281.0	81.0	5646
			02/21/85	NM-7		5050
21S/18E-34Q01	M	333.0	02/21/85	193.0	140.0	5050
21S/18E-35N01	M	300.0	12/12/84	232.0	68.0	5646
21S/18E-36M01	M	229.0	12/12/84	179.0	50.0	5646
21S/19E-02A02	M	194.0	10/09/84	8.2	185.8	5001
21S/19E-02A03	M		10/09/84	DRY		5001
21S/19E-02B01	M		12/17/84	NM-4		5646
		200.0	02/21/85	74.0(9)	126.0	5050
21S/19E-04M01	M		12/18/84	NM-5		5646
21S/19E-06D03	M	245.0	12/18/84	134.0	111.0	5646
21S/19E-07D01	M	251.0	12/18/84	154.0	97.0	5646

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C	TULARE LAKE HB					
C-01	SOUTH VALLEY FLOOR HU					
C-01.A	WESTLANDS HA					
21S/19E-07N01	M	248.0	12/18/84	56.0	192.0	5646
21S/19E-18N01	M	233.0	12/18/84	151.0	82.0	5646
21S/19E-19D03	M		12/18/84	NM-9		5646
21S/19E-20D01	M	230.0	12/18/84	132.0	98.0	5646
21S/19E-20N02	M	219.0	12/18/84	161.0	58.0	5646
21S/19E-30D03	M	234.0	12/18/84	159.0	75.0	5646
22S/18E-01E01	M	271.0	12/14/84	410.0	-139.0	5646
22S/18E-02F01	M	312.0	12/14/84	225.0	87.0	5646
22S/18E-02G05	M	300.0	12/14/84	205.0	95.0	5646
22S/18E-03B01	M		12/14/84	NM-4		5646
22S/18E-03H01	M	345.0	12/14/84	297.0	48.0	5646
22S/18E-11C01	M		12/14/84	NM-4		5646
22S/18E-11K01	M	340.0	12/14/84	563.0	-223.0	5646
22S/18E-13K01	M	278.0	12/14/84	230.0	48.0	5646
C-01.B	RAISIN HA					
13S/15E-27F01	M	165.0	10/05/84	32.4	132.6	5001
			02/07/85	26.7	138.3	
13S/15E-28G01	M	161.0	10/05/84	12.0	149.0	5001
			02/07/85	16.2	144.8	
13S/15E-34A01	M	165.0	10/05/84	33.5	131.5	5001
			02/07/85	NM-1		
13S/15E-34C01	M	162.0	10/05/84	31.5	130.5	5001
			02/07/85	43.4	118.6	
13S/15E-34J01	M	164.0	10/05/84	19.9	144.1	5001
			02/07/85	DRY		
13S/15E-34J02	M		10/05/84	NM-1		5001
			02/07/85	NM-6		
13S/15E-34J03	M	163.0	10/05/84	38.2	124.8	5001
			02/07/85	27.4	135.6	
13S/15E-34J05	M	161.0	10/05/84	39.5	121.5	5001
			02/07/85	40.0	121.0	
13S/15E-34J06	M	161.0	10/05/84	18.5	142.5	5001
			02/07/85	17.1	143.9	
13S/15E-34R01	M	160.0	10/05/84	37.4	122.6	5001
			02/07/85	27.7	132.3	
13S/15E-35D01	M	165.5	10/05/84	43.2	125.3	5001
			02/07/85	20.5	145.0	
13S/15E-35D02	M	165.5	10/05/84	23.3	142.2	5001
			02/07/85	26.5	139.0	
13S/15E-35D03	M	165.5	10/05/84	82.0	83.5	5001
			02/07/85	35.5	130.0	
13S/16E-26L01	M		10/04/84	NM-1		5001
		190.0	02/08/85	43.1	146.9	
13S/16E-27A01	M	189.0	10/04/84	44.7	144.3	5001
			02/08/85	NM-4		
13S/16E-27A01	M	187.0	10/04/84	50.4	136.6	5001
			02/08/85	NM-1		
13S/16E-27C01	M	186.0	10/04/84	39.4	146.6	5001
			02/08/85	40.0	146.0	
13S/16E-27F01	M	183.5	10/04/84	49.7	133.8	5001
			02/08/85	NM-1		
13S/16E-27H01	M		10/04/84	NM-1		5001
		187.0	02/08/85	40.0	147.0	
13S/16E-28L02	M	180.0	10/04/84	62.0	118.0	5001
			02/08/85	47.5	132.5	
13S/16E-29J02	M	179.0	10/04/84	78.2	100.8	5001
			02/08/85	40.0	139.0	
13S/16E-30E01	M	175.0	10/04/84	62.7	112.3	5001
			02/06/85	NM-5		
13S/16E-30L03	M	179.0	10/04/84	10.3	168.7	5001
			02/06/85	13.5	165.5	
13S/16E-31K01	M		10/04/84	NM-5		5001
		173.0	02/11/85	5.5	167.5	
13S/16E-32E01	M	175.0	10/04/84	5.0	170.0	5001
			02/11/85	35.0	140.0	
13S/16E-32F01	M		10/04/84	NM-4		5001
			02/11/85	NM-3		
13S/16E-33B02	M	176.0	10/04/84	70.4	105.6	5001

STATE WELL NUMBER		CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C	TULARE LAKE HB						
C-01	SOUTH VALLEY FLOOR HU						
C-01.B	RAISIN HA						
13S/16E-33B02	M		176.0	02/11/85	41.2	134.8	5001
13S/16E-33F01	M			10/04/84	NM-1		5001
			175.0	02/11/85	39.5	135.5	
13S/16E-33J01	M		176.0	10/04/84	90.1	85.9	5001
				02/11/85	41.9	134.1	
13S/16E-33L01	M		175.0	10/04/84	71.0	104.0	5001
				02/11/85	38.5	136.5	
13S/16E-34A01	M		184.0	10/04/84	70.2	113.8	5001
				02/11/85	58.2	125.8	
13S/16E-34C01	M		182.0	10/04/84	73.2	108.8	5001
				02/11/85	61.7	120.3	
13S/16E-34F01	M		180.0	10/04/84	70.4	109.6	5001
				02/11/85	44.2	135.8	
13S/16E-34P02	M		177.0	10/04/84	83.2	93.8	5001
				02/11/85	59.0	118.0	
13S/16E-35A01	M		190.0	10/04/84	73.7	116.3	5001
				02/11/85	51.2	138.8	
13S/16E-35J01	M		190.5	10/04/84	80.2	110.3	5001
				02/11/85	56.6	133.9	
13S/16E-35L01	M		186.5	10/04/84	91.2	95.3	5001
				02/11/85	50.7	135.8	
13S/16E-36R04	M		195.0	10/04/84	89.4	105.6	5001
				02/11/85	69.0	126.0	
13S/17E-19H01	M		204.2	10/01/84	33.0	171.2	5001
				01/01/85	28.8	175.4	
13S/17E-30J02	M		202.4	10/01/84	55.4	147.0	5001
				01/01/85	48.7	153.7	
14S/15E-02H01	M			10/05/84	NM-9		5001
			164.0	02/11/85	25.5	138.5	
14S/15E-03A03	M			10/05/84	NM-1		5001
				02/11/85	NM-1		
14S/15E-25H01	M		160.0	10/05/84	2.0	158.0	5001
				02/11/85	8.0	152.0	
14S/15E-25H02	M		160.0	10/05/84	21.0	139.0	5001
				02/11/85	6.0	154.0	
14S/15E-25H03	M		160.0	10/05/84	67.0	93.0	5001
				02/11/85	NM-5		
14S/16E-03A01	M		184.0	10/04/84	86.9	97.1	5001
				02/11/85	77.2	106.8	
14S/16E-03P01	M		175.0	10/04/84	93.8	81.2	5001
				02/11/85	57.7	117.3	
14S/16E-04A01	M		174.0	10/04/84	77.4	96.6	5001
				02/11/85	NM-3		
14S/16E-04C01	M		170.0	10/04/84	72.5	97.5	5001
				02/11/85	49.5	120.5	
14S/16E-04D01	M		170.5	10/04/84	71.3	99.2	5001
				02/11/85	NM-3		
14S/16E-04L01	M		161.9	10/04/84	87.0	74.9	5001
				02/18/85	50.0	111.9	
14S/16E-05C02	M		171.0	10/04/84	69.1	101.9	5001
				02/18/85	39.0	132.0	
14S/16E-05F01	M		167.0	10/04/84	34.0	133.0	5001
				02/18/85	38.7	128.3	
14S/16E-05G01	M		168.0	10/04/84	76.0	92.0	5001
				02/18/85	38.9	129.1	
14S/16E-05J01	M		168.0	10/04/84	66.2	101.8	5001
				02/18/85	NM-4		
14S/16E-06A01	M		170.0	10/04/84	68.5	101.5	5001
				02/18/85	39.4	130.6	
14S/16E-06G01	M			10/04/84	NM-9		5001
			197.0	02/18/85	36.2	160.8	
14S/16E-07C01	M			10/04/84	NM-4		5001
			165.0	02/18/85	29.7	135.3	
14S/16E-08J01	M			10/04/84	NM-1		5001
				02/18/85	NM-9		
14S/16E-09A01	M			10/04/84	NM-9		5001
				02/18/85	NM-7		
14S/16E-12A01	M		190.0	10/04/84	132.3	57.7	5001
				02/18/85	NM-3		
14S/16E-16A01	M			10/04/84	NM-4		5001
			170.0	02/18/85	41.7	128.3	
14S/16E-18R01	M		160.0	10/04/84	76.5	83.5	5001
				02/18/85	20.6	139.4	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CD	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.8		RAISIN HA				
14S/16E-23L01	M	170.5	10/04/84	56.1	114.4	5001
			02/18/85	45.1	125.4	
14S/16E-24A01	M	181.0	10/03/84	113.0	68.0	5001
			02/18/85	NM-6		
14S/16E-26R02	M	172.0	02/04/85	53.5	118.5	5001
14S/17E-04R01	M	205.2	10/01/84	88.2	117.0	5001
			01/01/85	77.3	127.9	
14S/17E-05D01	M	201.4	10/01/84	78.3	123.1	5631
			10/03/84	90.9	110.5	5001
			01/01/85	74.1	127.3	5631
			02/18/85	78.3	123.1	5001
14S/17E-06C01	M	197.1	10/01/84	83.3	113.8	5631
			01/01/85	72.3	124.8	
14S/17E-08D02	M		10/03/84	NM-4		5001
		195.0	02/18/85	97.8	97.2	
14S/17E-14J01	M	209.0	10/03/84	125.3	83.7	5001
			02/19/85	NM-1		
14S/17E-15N02	M	202.0	10/03/84	117.5	84.5	5001
			02/19/85	137.2	64.8	
14S/17E-17R01	M	193.0	10/03/84	123.7	69.3	5001
			02/19/85	NM-3		
14S/17E-18H01	M		10/03/84	NM-9		5001
			02/19/85	NM-3		
14S/17E-21A01	M		10/03/84	NM-3		5001
		201.0	02/20/85	116.4	84.6	
14S/17E-28A01	M	193.0	02/04/85	106.6	88.4	5001
14S/17E-29E01	M	185.0	02/04/85	92.1	92.9	5001
14S/17E-31R01	M	180.0	02/04/85	82.6	97.4	5001
14S/17E-32R01	M	186.0	02/04/85	92.8	93.2	5001
14S/17E-33A01	M	191.0	02/04/85	95.7	95.3	5001
14S/17E-34A01	M	195.5	02/04/85	111.7	83.8	5001
14S/17E-35A01	M	200.0	02/04/85	124.8	75.2	5001
14S/17E-36A01	M	207.0	02/04/85	105.7	101.3	5001
15S/17E-01A02	M	203.0	02/04/85	115.0	88.0	5001
15S/17E-02B02	M		10/04/84	NM-3		5001
			02/04/85	NM-3		
15S/17E-03L01	M	190.0	02/04/85	97.7	92.3	5001
15S/17E-05C01	M	181.0	02/04/85	82.3	98.7	5001
15S/17E-07H01	M	176.0	02/04/85	67.6	108.4	5001
15S/17E-11A01	M	196.5	02/04/85	121.2	75.3	5001
15S/17E-12A04	M	198.0	02/04/85	125.1	72.9	5001
15S/17E-13R02	M	194.5	02/05/85	146.1	48.4	5001
15S/17E-15J03	M	187.0	10/05/84	146.4	40.6	5001
			02/04/85	129.4	57.6	
			09/30/85	NM-3		
15S/17E-22J02	M		10/05/84	NM-3		5001
			02/04/85	NM-3		
			09/30/85	NM-3		
15S/17E-23A01	M	193.0	02/05/85	131.9	61.1	5001
15S/17E-25R01	M	190.0	10/05/84	157.2	32.8	5001
			02/04/85	144.7	45.3	
			09/30/85	162.0	28.0	
15S/17E-26A01	M	189.0	02/05/85	147.2	41.8	5001
15S/17E-27H02	M	185.5	10/05/84	125.2	60.3	5001
			02/05/85	116.1	69.4	
			09/20/85	133.8	51.7	
15S/17E-35A01	M	187.5	02/05/85	133.7	53.8	5001
15S/17E-36G01	M		10/04/84	NM-3		5001
			02/04/85	NM-3		
			09/30/85	NM-3		
15S/18E-01A02	M	226.0	10/09/84	93.0	133.0	5001
			02/20/85	117.5	108.5	
15S/18E-02A01	M	224.5	10/01/84	106.5	118.0	5001
			01/01/85	99.6	124.9	
			02/04/85	98.2	126.3	
15S/18E-03R01	M	217.5	10/05/84	131.8	85.7	5001
			01/31/85	118.4	99.1	
			09/30/85	133.6	83.9	
15S/18E-04A02	M	216.0	02/04/85	105.5	110.5	5001
15S/18E-06A01	M	207.0	02/04/85	110.0	97.0	5001
15S/18E-07A02	M	204.0	02/04/85	120.4	83.6	5001
15S/18E-08A01	M	207.0	02/04/85	112.2	94.8	5001
15S/18E-10N01	M		01/31/85	DRY		5001
			09/30/85	NM-7		
15S/18E-12B01	M	223.0	10/09/84	117.7	105.3	5001
			02/20/85	120.7	102.3	
15S/18E-14A02	M	217.0	10/09/84	141.5	75.5	5001
			02/20/85	127.0	90.0	
15S/18E-15A01	M	212.0	10/25/84	146.0(9)	66.0	5001
			02/20/85	NM-1		
15S/18E-15J01	M	210.0	10/09/84	144.0	66.0	5001
			02/20/85	NM-4		
15S/18E-17C01	M	203.0	02/04/85	131.4	71.6	5001
15S/18E-17R01	M	203.0	10/05/84	154.9	48.1	5001
			01/31/85	139.9	63.1	
			09/30/85	159.9	43.1	
15S/18E-19R01	M	197.2	10/05/84	159.6	37.6	5001
			01/31/85	148.4	48.8	
			09/30/85	NM-8		
15S/18E-22P02	M	210.0	10/09/84	177.4	32.6	5001
			02/20/85	118.1	91.9	
15S/18E-23A02	M	214.0	10/09/84	177.5	36.5	5001
			02/20/85	152.0	62.0	
15S/18E-24J01	M	224.0	10/25/84	158.0(9)	66.0	5001
			02/20/85	145.0(9)	79.0	
15S/18E-29J01	M	200.0	10/25/84	168.0(9)	32.0	5001
			02/20/85	165.0(9)	35.0	
15S/18E-30L01	M	194.0	10/05/84	157.1	36.9	5001
			02/04/85	149.6	44.4	
			09/30/85	161.6	32.4	
15S/18E-32E01	M	200.0	10/25/84	170.0(9)	30.0	5001
			02/20/85	NM-1		
15S/18E-33E01	M	200.0	10/25/84	173.0(9)	27.0	5001
			02/20/85	172.0(9)	28.0	
15S/18E-33N01	M		10/25/84	NM-1		5001
		198.0	02/20/85	174.0(9)	24.0	
15S/19E-07Q01	M	223.0	10/25/84	120.0(9)	103.0	5001
			02/20/85	123.0(9)	100.0	
15S/19E-08A01	M	233.4	10/01/84	94.5	138.9	5001
			01/01/85	84.8	148.6	
15S/19E-19M01	M	224.0	10/25/84	151.0(9)	73.0	5001
			02/20/85	146.0(9)	78.0	
15S/19E-21A01	M	235.0	10/25/84	110.0(9)	125.0	5001
			02/20/85	106.0(9)	129.0	
15S/19E-21C03	M	232.0	10/25/84	114.0	118.0	5001
			02/20/85	109.0(9)	123.0	
15S/19E-22R01	M	241.5	10/25/84	104.5(9)	137.0	5001
			02/20/85	98.5(9)	143.0	
15S/19E-28E01	M	230.0	10/25/84	141.0(9)	89.0	5001
			02/20/85	132.0(9)	98.0	
15S/19E-30N01	M	220.0	10/25/84	168.0(9)	52.0	5001
			02/20/85	164.0(9)	56.0	
15S/19E-31Q01	M	220.0	10/26/84	165.0(9)	55.0	5001
			02/20/85	NM-1		
15S/19E-33Q01	M	228.0	10/26/84	139.0(9)	89.0	5001
			02/20/85	140.0(9)	88.0	
15S/19E-34C01	M	235.0	10/26/84	122.0(9)	113.0	5001
			02/20/85	141.0(9)	94.0	
15S/19E-35N02	M	238.0	10/25/84	122.0(9)	116.0	5001
			02/20/85	125.0(9)	113.0	
16S/18E-01J02	M	216.5	10/25/84	170.0(9)	46.5	5001
			02/20/85	171.0(9)	45.5	
16S/18E-03A01	M	206.0	10/25/84	176.0(9)	30.0	5001
			02/20/85	178.0(9)	28.0	
16S/18E-03J01	M	206.0	10/25/84	170.5(9)	35.5	5001
			02/20/85	172.5(9)	33.5	
16S/18E-04Q01	M	198.0	10/25/84	170.0(9)	28.0	5001
			02/20/85	165.0(9)	33.0	
16S/18E-05N01	M	191.0	10/25/84	151.0(9)	40.0	5001
			02/20/85	NM-1		
16S/18E-09F01	M	198.0	10/25/84	160.0(9)	38.0	5001
			02/20/85	172.0(9)	26.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CD	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.8		RAISIN HA				
16S/18E-12R02	M	213.0	10/25/84	167.0(9)	46.0	5001
			02/20/85	NM-6		
16S/18E-15F01	M	208.0	10/25/84	162.0(9)	46.0	5001
			02/20/85	167.0	41.0	
16S/19E-17C01	M		10/26/84	NM-1		5001
		218.0	02/20/85	144.0	74.0	
16S/19E-20D01	M		10/26/84	NM-2		5001
			02/20/85	NM-2		
16S/19E-21P01	M		10/26/84	NM-1		5001
		220.0	02/20/85	131.0(9)	89.0	
16S/19E-26A01	M	228.8	10/01/84	102.0	126.8	5001
			02/01/85	94.9	133.9	
16S/20E-20N01	M	240.9	10/01/84	82.9	158.0	5001
			02/01/85	75.1	165.8	
16S/21E-20N01	M	261.2	10/01/84	48.3	212.9	5001
			02/01/85	41.9	219.3	
17S/20E-01C01	M	242.9	10/01/84	55.3	187.6	5001
			02/01/85	46.9	196.0	
17S/20E-02J01	M	240.0	10/26/84	51.5	188.5	5001
			02/21/85	NM-1		
17S/21E-01C01	M	269.0	10/01/84	31.9	237.1	5001
			02/01/85	28.3	240.7	
17S/21E-03C01	M	260.5	10/01/84	45.2	215.3	5001
			02/01/85	39.7	220.8	
17S/21E-05C01	M	252.5	10/01/84	53.8	198.7	5001
			02/01/85	45.3	207.2	
17S/21E-11K01	M	257.0	10/29/84	27.0	230.0	5001
			02/22/85	25.0	232.0	
17S/21E-13M01	M	260.0	10/29/84	21.0	239.0	50C1
			02/22/85	29.0	231.0	
17S/22E-05C01	M	277.0	10/01/84	24.6	252.4	50C1
			02/01/85	20.6	256.4	
17S/22E-07A01	M		10/29/84	NM-1		50C1
			02/22/85	NM-1		
17S/22E-18N01	M	267.0	01/25/85	14.4	252.6	5001
C-01.C		FRESNO HA				
12S/19E-34P01	M	317.8	10/01/84	97.2	220.6	50C1
			01/01/85	94.8	223.0	
12S/20E-13E01	M	348.0	01/31/85	114.0	274.0	5112
12S/20E-13H01	M	387.0	02/06/85	90.7	296.3	5001
12S/20E-23A01	M	382.0	10/05/84	120.2	261.8	50C1
			02/06/85	110.4	271.6	
			09/30/85	133.3	248.7	
12S/20E-25E02	M	362.0	01/31/85	85.0	277.0	5112
12S/20E-25H01	M	366.0	01/31/85	74.0	292.0	5112
12S/20E-26D02	M	370.6	10/01/84	112.9	257.7	50C1
			01/01/85	112.4	258.2	
12S/20E-26E01	M	365.0	01/31/85	120.0	245.0	5112
12S/20E-26H01	M	360.5	01/31/85	87.0	273.5	5112
12S/20E-26P01	M	353.0	01/31/85	95.0	258.0	5112
12S/20E-34A01	M	360.0	10/05/84	123.8	236.2	5001
			02/06/85	123.3	236.7	
			09/30/85	124.4	235.6	
12S/20E-34B01	M	357.0	01/31/85	116.0	241.0	5112
12S/20E-34N02	M	340.0	01/31/85	109.0	231.0	5112
12S/20E-35R01	M	350.0	01/31/85	88.0	262.0	5112
12S/20E-36J01	M	360.0	01/31/85	87.0	273.0	5112
12S/20E-36L01	M	355.0	10/05/84	95.4	259.6	5001
			02/06/85	87.0	268.0	
			09/30/85	94.8	260.2	
12S/21E-17D01	M	394.0	01/31/85	85.0	309.0	5112
12S/21E-17L01	M	388.0	02/06/85	61.5	326.5	5001
12S/21E-17M01	M	386.0	02/06/85	54.5	331.5	5001
12S/21E-18J01	M	387.0	02/06/85	79.2	307.8	5001
12S/21E-19D01	M	376.0	10/01/84	86.7	289.3	50C1
			01/01/85	84.5	291.5	
12S/21E-19J01	M	378.0	01/31/85	55.0	323.0	5112
12S/21E-19Q01	M	373.0	01/31/85	61.0	312.0	5112
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.C		FRESNO HA				
12S/21E-20D01	M	382.0	10/05/84	31.5	350.5	5001
			02/06/85	41.4	340.6	
			09/30/85	44.6	337.4	
12S/21E-21P01	M		10/05/84	NM-9		5001
			02/06/55	NM-2		
12S/21E-29K01	M	379.0	01/31/85	38.0	341.0	5112
12S/21E-31A01	M	369.8	10/01/84	58.0	311.8	5001
			01/01/85	60.7	309.1	
12S/21E-31C01	M	363.0	01/31/85	66.0	297.0	5112
12S/21E-32M02	M	367.0	01/31/85	55.0	312.0	5112
12S/21E-33D01	M	376.0	01/31/85	39.0	337.0	5112
12S/21E-33P01	M	374.0	10/01/84	47.5	326.5	5001
			01/01/85	49.7	324.3	
12S/21E-33P02	M	370.0	01/31/85	48.0	322.0	5112
12S/21E-34D01	M	387.7	10/01/84	43.0	344.7	5001
			01/01/85	42.4	345.3	
12S/21E-34H01	M	390.0	01/31/85	42.0	348.0	5112
12S/21E-35R01	M	402.0	01/31/85	46.0	356.0	5112
13S/17E-11R01	M	233.0	10/04/84	37.0	196.0	5001
			02/11/85	37.9	195.1	
13S/17E-14D01	M	229.0	10/03/84	33.5	195.5	5001
			02/11/85	41.7	187.3	
13S/17E-20A02	M	209.7	10/01/84	28.2	181.5	5001
			01/01/85	28.2	181.5	
13S/17E-22B01	M	220.8	10/01/84	35.6	185.2	5001
			01/01/85	36.9	183.9	
13S/17E-23N01	M	223.0	10/03/84	47.5	175.5	5001
			02/11/85	54.5	168.5	
13S/17E-24AC1	M	240.0	10/03/84	43.7	196.3	5001
			02/11/85	47.0	193.0	
13S/17E-25C01	M	231.6	10/01/84	42.0	189.6	5001
			01/01/85	43.5	188.1	
13S/17E-27J01	M		10/03/84	NM-9		5001
			02/11/85	NM-4		
13S/17E-28H01	M	213.0	10/03/84	47.1	165.9	5001
			02/11/85	NM-1		
13S/17E-32H01	M	209.3	10/01/84	67.0	142.3	5001
			01/01/85	62.9	146.4	
13S/17E-33D01	M	211.0	10/03/84	62.7	148.3	5001
			02/11/85	63.8	147.2	
13S/17E-34F01	M	215.3	10/01/84	54.5	160.8	5001
			01/01/85	54.7	160.6	
13S/17E-35L01	M	220.0	10/05/84	54.0	166.0	5001
			02/11/85	84.7	135.3	
13S/17E-36N01	M	220.0	10/01/84	55.2	164.8	5001
13S/18E-02P01	M	270.0	10/05/84	53.4	216.6	5001
			02/07/85	NM-9		
13S/18E-10P01	M	258.0	10/06/84	46.0	212.0	5001
			02/07/85	47.8	210.2	
13S/18E-11J01	M	271.5	10/01/84	53.9	217.6	5001
			01/01/85	54.0	217.5	
13S/18E-13P01	M	270.0	10/06/84	64.4	205.6	5001
			02/07/85	54.9	215.1	
13S/18E-14H02	M	266.5	10/06/84	53.1	213.4	5001
			02/07/85	53.2	213.3	
13S/18E-15J01	M	261.0	10/06/84	51.4	209.6	5001
			02/07/85	52.6	208.4	
13S/18E-17A01	M	252.6	10/01/84	47.0	205.6	5001
			01/01/85	47.5	205.1	
13S/18E-20C01	M	245.0	10/06/84	43.2	201.8	5001
			02/07/85	44.1	200.9	
13S/18E-21P01	M	244.5	10/06/84	43.6	200.9	5001
			02/07/85	44.0	200.5	
13S/18E-22L01	M	245.5	10/06/84	48.4	197.1	5001
			02/07/85	48.9	196.6	
13S/18E-23R01	M	260.0	10/06/84	54.3	205.7	5001
			02/07/85	54.1	205.9	
13S/18E-25B01	M	265.9	10/01/84	58.0	207.9	5001
			01/01/85	54.4	211.5	
13S/18E-29C01	M	238.5	10/01/84	41.2	197.3	5001
			01/01/85	41.5	197.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C — TULARE LAKE HB						
C-01 — SOUTH VALLEY FLOOR HU						
C-01.C — FRESNO HA						
13S/18E-32N01	M	231.3	10/01/84	55.3	176.0	5001
			01/01/85	54.5	176.8	
13S/18E-34D01	M	245.0	10/06/84	53.9	191.1	5001
			02/07/85	52.9	192.1	
13S/19E-03J01	M	310.5	10/06/84	134.5	176.0	5001
			02/07/85	107.6	202.9	
13S/19E-07A01	M	285.0	10/06/84	65.0	220.0	5001
			02/07/85	65.9	219.1	
13S/19E-07J01	M	278.8	10/01/84	57.6	221.2	5631
			01/01/85	59.6	219.2	
13S/19E-16K01	M	290.0	10/06/84	86.1	203.9	5001
			02/07/85	94.4	195.6	
13S/19E-18E01	M	272.4	10/01/84	56.0	216.4	5631
			01/01/85	59.9	212.5	
13S/19E-22N01	M		10/01/84	NM-7		5001
			01/01/85	NM-7		5631
13S/19E-23E01	M	285.8	10/01/84	69.6	216.2	5001
			01/01/85	67.9	217.9	
13S/19E-27R01	M	274.0	10/01/84	62.9	211.1	5001
			01/01/85	61.5	212.5	
13S/19E-36A01	M	289.8	10/01/84	79.3	210.5	5001
			01/01/85	NM-7		
13S/20E-03H02	M	339.0	01/23/85	108.0	231.0	5001
			09/30/85	113.5	225.5	
13S/20E-10B01	M	331.0	01/23/85	107.8	223.2	5001
			09/30/85	113.0	218.0	
13S/20E-10D01	M	323.2	01/23/85	100.5	222.7	5001
			09/30/85	103.0	220.2	
13S/20E-11C02	M	337.0	01/23/85	107.0	230.0	5001
			09/30/85	111.8	225.2	
13S/20E-12H01	M	343.4	10/01/84	84.9	258.5	5001
			01/01/85	83.4	260.0	
13S/20E-13E01	M	329.0	01/23/85	85.8	243.2	5001
			09/30/85	89.8	239.2	
13S/20E-13J01	M	331.0	01/23/85	78.5	252.5	5001
			09/30/85	76.8	254.2	
13S/20E-14B01	M	324.0	01/23/85	91.8	232.2	5001
			09/30/85	98.0	226.0	
13S/20E-14L01	M	321.9	01/23/85	98.0	223.9	5001
			09/30/85	99.5	222.4	
13S/20E-15L01	M	315.6	01/23/85	97.3	218.3	5001
			09/30/85	102.0	213.6	
13S/20E-16Q01	M	313.0	01/23/85	96.8	216.2	5001
			09/30/85	100.5	212.5	
13S/20E-17F01	M	319.0	01/23/85	100.8	218.2	5001
			09/30/85	106.0	213.0	
13S/20E-19C01	M	307.6	01/23/85	88.0	219.6	5001
			09/30/85	93.8	213.8	
13S/20E-20E01	M	304.0	01/23/85	88.3	215.7	5001
			09/30/85	93.0	211.0	
13S/20E-20H01	M	304.4	01/23/85	90.8	213.6	5001
			09/30/85	95.5	208.9	
13S/20E-20R01	M	299.4	01/23/85	85.5	213.9	5001
			09/30/85	91.0	208.4	
13S/20E-21J01	M	310.0	01/23/85	92.3	217.7	5001
			09/30/85	96.0	214.0	
13S/20E-21K01	M	306.5	01/23/85	99.5	207.0	5001
			09/30/85	102.0	204.5	
13S/20E-22A01	M	320.6	01/23/85	96.3	224.3	5001
			09/30/85	99.8	220.8	
13S/20E-22L01	M	312.8	01/23/85	94.0	218.8	5001
			09/30/85	97.0	215.8	
13S/20E-23B01	M	325.0	01/23/85	95.5	229.5	5001
			09/30/85	99.0	226.0	
13S/20E-23J01	M	322.2	01/23/85	82.3	239.9	5001
			09/30/85	82.0	240.2	
13S/20E-23Q01	M	316.0	01/23/85	85.0	231.0	5001
			09/30/85	91.0	225.0	
13S/20E-26D01	M	313.6	01/23/85	101.0	212.6	5001
			09/30/85	104.0	209.6	
13S/20E-27J01	M	307.0	01/23/85	92.3	214.7	5001
			09/30/85	98.8	208.2	
13S/20E-28C01	M	307.0	01/23/85	94.5	212.5	5001
13S/20E-28C01	M	307.0	09/30/85	94.0	213.0	5001
13S/20E-28E01	M	299.3	01/23/85	93.0	206.3	5001
			09/30/85	95.0	204.3	
13S/20E-28N01	M	294.0	01/23/85	80.3	213.7	5001
			09/30/85	83.0	211.0	
13S/20E-28R01	M	300.8	01/23/85	91.5	209.3	5001
			09/30/85	94.8	206.0	
13S/20E-29K01	M	296.3	01/23/85	85.0	211.3	5001
			09/30/85	85.5	210.8	
13S/20E-30B01	M	301.0	01/23/85	90.8	210.2	5001
			09/30/85	94.0	207.0	
13S/20E-32D01	M	293.3	01/23/85	79.0	214.3	5001
			09/30/85	82.0	211.3	
13S/20E-32L02	M	292.1	01/23/85	84.5	207.6	5001
			09/30/85	84.0	208.1	
13S/20E-33J01	M	290.0	01/23/85	78.0	212.0	5001
			09/30/85	81.5	208.5	
13S/20E-34B01	M	301.0	01/23/85	89.5	211.5	5001
			09/30/85	97.3	203.7	
13S/20E-34M01	M	298.2	01/23/85	95.8	202.4	5001
			09/30/85	103.0	195.2	
13S/20E-35D01	M	309.3	01/23/85	87.0	222.3	5001
			09/30/85	99.8	209.5	
13S/20E-35H02	M	305.3	01/23/85	89.8	215.5	5001
			09/30/85	95.0	210.3	
13S/20E-36P01	M	305.6	01/23/85	86.0	219.6	5001
			09/30/85	88.8	216.8	
13S/21E-02M01	M	382.0	02/01/85	42.0	340.0	5112
13S/21E-03E01	M	371.0	02/01/85	48.0	323.0	5112
13S/21E-09J01	M	364.0	02/01/85	58.0	306.0	5112
13S/21E-11A01	M		02/01/85	NM-7		5112
13S/21E-11D03	M	380.0	02/01/85	40.0	340.0	5112
13S/21E-14R01	M	370.0	02/01/85	13.0	357.0	5112
13S/21E-15P01	M	369.0	02/01/85	41.0	328.0	5112
13S/21E-23D01	M	362.0	10/01/84	15.0	347.0	5001
			01/01/85	16.0	346.0	
13S/21E-23R01	M	354.0	02/01/85	14.0	340.0	5112
13S/21E-24J01	M	370.0	10/01/84	12.0	358.0	5001
			01/01/85	12.0	358.0	
13S/21E-25N01	M		02/01/85	NM-9		5112
13S/21E-27M01	M	339.0	02/01/85	41.0	298.0	5112
13S/21E-28A01	M	341.7	10/01/84	41.5	300.2	5631
			01/01/85	41.5	300.2	
13S/21E-30P01	M	316.0	01/23/85	76.0	240.0	5001
			09/30/85	79.5	236.5	
13S/21E-31A02	M	320.0	01/23/85	74.0	246.0	5001
			09/30/85	77.5	242.5	
13S/21E-31E02	M	310.5	01/23/85	85.8	224.7	5001
			09/30/85	90.5	220.0	
13S/21E-33N01	M	328.0	02/01/85	65.0	263.0	5112
13S/21E-34H02	M	342.0	02/01/85	28.0	314.0	5112
13S/21E-34P01	M	334.0	02/01/85	41.0	293.0	5112
13S/21E-36F01	M	352.0	02/01/85	16.0	336.0	5112
13S/22E-02Q01	M		04/30/85	NM-7		5112
13S/22E-07P01	M	390.0	10/01/84	22.3	367.7	5001
			01/01/85	22.6	367.4	
13S/22E-09N01	M	403.0	02/01/85	22.0	381.0	5112
13S/22E-11B01	M	446.0	10/06/84	8.0	438.0	5001
			02/07/85	11.6	434.4	
13S/22E-13A01	M	437.0	10/01/84	11.2	425.8	5001
			01/01/85	10.2	426.8	
13S/22E-13A02	M		10/06/84	NM-9		5001
			02/11/85	NM-9		
13S/22E-14B01	M	434.0	01/31/85	24.0	410.0	5112
13S/22E-15R01	M	413.0	01/31/85	24.0	389.0	5112
13S/22E-20A01	M	380.0	02/01/85	7.0	373.0	5112

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C — TULARE LAKE HB						
C-01 — SOUTH VALLEY FLOOR HU						
C-01.C — FRESNO HA						
13S/22E-21D02	M	400.8	10/01/84	18.6	382.2	5001
			01/01/85	18.6	382.2	
13S/22E-22R01	M	393.0	01/31/85	14.0	379.0	5112
13S/22E-23F01	M	405.0	01/31/85	11.0	394.0	5112
13S/22E-27L01	M	385.0	02/01/85	9.0	376.0	5112
13S/22E-28B03	M	383.0	02/01/85	10.0	373.0	5112
13S/22E-29M02	M	374.0	02/01/85	13.0	361.0	5112
13S/22E-31P01	M	359.0	02/01/85	22.0	337.0	5112
13S/22E-34R01	M	384.0	02/01/85	25.0	359.0	5112
			08/21/85	27.0	357.0	
13S/23E-17D01	M	500.0	10/06/84	8.2	491.8	5001
			02/11/85	10.9	489.1	
13S/23E-19N01	M	412.0	01/01/85	11.5	400.5	5631
13S/23E-30C01	M	411.4	10/01/84	18.4	393.0	5001
			01/01/85	16.8	394.6	
13S/23E-30D01	M	406.0	02/01/85	15.0	391.0	5112
14S/17E-01E01	M	219.0	10/03/84	73.0	146.0	5001
			02/18/85	66.2	152.8	
14S/17E-03F01	M	210.0	10/03/84	92.2	117.8	5001
			02/18/85	75.4	134.6	
14S/17E-11A01	M		10/03/84	NM-4		5001
		215.0	02/18/85	85.9	129.1	
14S/18E-02B01	M	250.2	10/01/84	54.1	196.1	5001
			01/01/85	53.8	196.4	
14S/18E-04A01	M	239.5	10/01/84	53.9	185.6	5001
			01/01/85	54.6	184.9	
14S/18E-08J01	M	227.4	10/01/84	69.6	157.8	5001
			01/01/85	66.0	161.4	
14S/18E-10G01	M		10/01/84	NM-2		5001
			01/01/85	NM-2		
14S/18E-13R01	M	238.2	10/01/84	52.1	186.1	5001
			01/01/85	50.5	187.7	
14S/18E-18E01	M	214.0	02/04/85	77.3	136.7	5001
14S/18E-21M01	M		10/01/84	NM-8		5001
		223.4	01/01/85	75.6	147.8	
14S/18E-29H01	M	220.5	02/04/85	96.2	124.3	5001
14S/18E-33C01	M	218.0	10/01/84	89.1	128.9	5001
			01/01/85	89.8	128.2	
14S/19E-04R01	M	262.4	10/01/84	55.3	207.1	5001
			01/01/85	53.5	208.9	
14S/19E-07D01	M	248.3	10/01/84	52.5	195.8	5001
			01/01/85	52.3	196.0	
14S/19E-11H01	M	266.9	10/01/84	54.7	212.2	5001
			01/01/85	54.0	212.9	
14S/19E-22R01	M	251.3	10/01/84	45.9	205.4	5001
			01/01/85	41.9	209.4	
14S/19E-33D01	M	240.9	10/01/84	54.3	186.6	5001
			01/01/85	49.2	191.7	
14S/19E-36A01	M	257.6	10/01/84	45.8	211.8	5001
			01/01/85	44.2	213.4	
14S/20E-01J01	M	310.0	01/23/85	97.0	213.0	5001
			09/30/85	106.3	203.7	
14S/20E-01P01	M	311.0	01/23/85	88.0	223.0	5001
			09/30/85	99.8	211.2	
14S/20E-02J02	M	301.4	01/23/85	82.0	219.4	5001
			09/30/85	88.8	212.6	
14S/20E-02Q01	M	296.9	01/23/85	83.5	213.4	5001
			09/30/85	89.0	207.9	
14S/20E-03C02	M	296.5	01/23/85	90.5	206.0	5001
			09/30/85	93.5	203.0	
14S/20E-03J01	M	295.2	01/23/85	82.0	213.2	5001
			09/30/85	87.0	208.2	
14S/20E-03M01	M	293.4	01/23/85	81.3	212.1	5001
			09/30/85	88.5	204.9	
14S/20E-04F01	M	286.1	01/23/85	75.8	210.3	5001
			09/30/85	78.8	207.3	
14S/20E-08R01	M	279.9	01/23/85	61.0	218.9	5001
			09/30/85	62.8	217.1	
14S/20E-09C01	M	284.0	01/23/85	69.8	214.2	5001
			09/30/85	78.8	205.2	
14S/20E-09L02	M	282.7	01/23/85	75.5	207.2	5001
			09/30/85	76.0	206.7	
14S/20E-10C01	M	291.4	01/23/85	87.3	204.1	5001
			09/30/85	101.0	190.4	
14S/20E-10M01	M	291.4	01/23/85	80.0	211.4	5001
			09/30/85	88.5	202.9	
14S/20E-11F01	M	295.4	01/23/85	75.3	220.1	5001
			09/30/85	80.0	215.4	
14S/20E-14F01	M	287.2	01/23/85	62.0	225.2	5001
			09/30/85	68.5	218.7	
14S/20E-16A01	M	283.4	01/23/85	65.0	218.4	5001
			09/30/85	68.0	215.4	
14S/20E-19B01	M	267.7	10/01/84	47.6	220.1	5001
			01/01/85	48.3	219.4	
14S/20E-26A01	M		10/01/84	NM-7		5001
			01/01/85	NM-6		
14S/20E-33F01	M	270.4	10/01/84	37.3	233.1	5001
			01/01/85	37.1	233.3	
14S/20E-34R01	M	280.0	10/01/84	35.3	244.7	5001
			01/01/85	35.1	244.9	
14S/21E-06E01	M	310.1	01/23/85	95.0	215.1	5001
			09/30/85	100.5	209.6	
14S/21E-07M01	M	302.8	01/23/85	78.8	224.0	5001
			09/30/85	82.5	220.3	
14S/21E-21D01	M		01/01/85	NM-2		5631
14S/21E-22D01	M	316.0	10/01/84	40.4	275.6	5001
			01/01/85	36.9	279.1	
14S/21E-29D01	M	301.1	10/01/84	38.0	263.1	5001
			01/01/85	37.9	263.2	
14S/21E-32H01	M	305.0	10/01/84	29.0	276.0	5001
			01/01/85	27.5	277.5	
14S/22E-03B01	M	381.2	10/01/84	25.0	356.2	5001
			01/01/85	24.6	356.6	
14S/22E-06A01	M	362.0	10/01/84	25.2	336.8	5001
			01/01/85	24.3	337.7	
15S/19E-03J01	M		10/01/84	NM-1		5001
		244.0	01/01/85	59.3	184.7	
15S/19E-12H02	M	249.5	10/01/84	63.4	186.1	5001
			02/01/85	61.7	187.8	
15S/19E-14M01	M	242.4	10/01/84	85.9	156.5	5001
			01/01/85	80.7	161.7	
15S/20E-07E02	M	251.8	10/01/84	27.1	224.7	5001
			01/01/85	37.8	214.0	
15S/20E-09K01	M	271.3	10/01/84	38.4	232.9	5001
			01/01/85	37.7	233.6	
15S/20E-12F01	M	289.2	10/01/84	27.5	261.7	5001
			01/01/85	27.9	261.3	
15S/20E-13D01	M	283.1	10/01/84	28.2	254.9	5001
			02/01/85	28.5	254.6	
15S/20E-13E02	M	282.5	10/01/84	31.6	250.9	5001
			01/01/85	29.1	253.4	
15S/20E-15D01	M	273.1	10/01/84	41.1	232.0	5001
			02/01/85	40.8	232.3	
15S/20E-17D01	M	261.6	10/01/84	54.7	206.9	5001
			02/01/85	57.0	204.6	
15S/20E-25D01	M	275.6	10/01/84	37.4	238.2	5001
			02/01/85	35.5	240.1	
15S/20E-28A01	M	264.8	10/01/84	48.8	216.0	5001
			02/01/85	47.5	217.3	
15S/21E-03D01	M	313.7	10/01/84	20.2	293.5	5C01
			02/01/85	22.5	291.2	
15S/21E-06C01	M	297.6	10/01/84	30.3	267.3	5001
			01/01/85	29.5	268.1	
C-01.D — ACADEMY HA						
12S/20E-01H01	M		10/04/84	NM-1		5001
		315.0	02/07/85	29.9	285.1	
			09/30/85	36.4	278.6	
12S/20E-02R01	M	298.0	10/04/84	28.0	270.0	5001
			02/07/85	28.3	269.7	
			09/30/85	31.0	267.0	
12S/20E-11K02	M	362.0	10/04/84	100.4	261.6	5001
			02/07/85	105.1	256.9	
12S/21E-06D01	M	407.0	02/06/85	109.2	297.8	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C TULARE LAKE HB						
C-01 SOUTH VALLEY FLOOR HU						
C-01.0 ACADEMY HA						
12S/21E-07A02	M	405.5	02/06/85	99.7	305.8	5001
12S/21E-07J01	M	399.0	02/06/85	93.7	305.3	5001
12S/21E-07R02	M	395.0	02/06/85	85.5	309.5	5001
12S/21E-09G01	M	400.0	01/31/85	14.0	386.0	5112
12S/21E-09M01	M		01/31/85	NM-7		5112
12S/21E-17G01	M	389.0	02/06/85	63.1	325.9	5001
12S/21E-18A03	M	390.5	02/06/85	90.8	299.7	5001
12S/21E-18B01	M	392.0	02/06/85	79.5	312.5	5001
12S/21E-22P01	M		10/05/84	NM-9		5001
			02/06/85	NM-1		
12S/21E-23G01	M	416.8	10/05/84	4.6	412.2	5001
			02/06/85	7.3	409.5	
12S/21E-26M02	M		01/31/85	NM-7		5112
		402.0	06/27/85	43.0	359.0	
12S/21E-26R01	M	410.0	10/05/84	44.3	365.7	5001
			02/11/85	NM-9		
12S/21E-35K01	M	399.0	01/31/85	50.0	349.0	5112
12S/21E-36H01	M	419.0	01/31/85	40.0	379.0	5112
12S/21E-36K01	M	409.0	01/31/85	49.0	360.0	5112
12S/22E-18M01	M	440.0	10/05/84	7.1	432.9	5001
			02/11/85	12.4	427.6	
			09/30/85	16.8	423.2	
12S/22E-21E01	M		10/05/84	NM-1		5001
			02/11/85	NM-9		
			09/30/85	NM-2		
12S/22E-26L01	M	485.0	01/31/85	11.0	474.0	5112
12S/22E-27G01	M	481.0	10/05/84	10.5	470.5	5001
			02/11/85	NM-1		
			09/30/85	3.0	478.0	
12S/22E-29D01	M	460.0	10/05/84	42.9	417.1	5001
			02/11/85	23.3	436.7	
			09/30/85	NM-1		
12S/22E-29H01	M	462.0	10/05/84	27.8	434.2	5001
			02/11/85	20.8	441.2	
			09/30/85	34.8	427.2	
12S/22E-30D01	M	439.0	10/05/84	10.3	428.7	5001
			02/11/85	15.5	423.5	
			09/30/85	30.3	408.7	
12S/22E-30N01	M	430.0	10/05/84	30.8	399.2	5001
			02/11/85	31.6	398.4	
			09/30/85	23.2	406.8	
12S/22E-32R02	M		01/31/85	NM-7		5112
12S/22E-35N01	M	445.0	01/31/85	11.0	434.0	5112
13S/22E-02A01	M	457.0	10/06/84	17.2	439.8	5001
			02/07/85	20.8	436.2	
13S/22E-06H01	M	415.0	02/01/85	56.0	359.0	5112
13S/22E-07J01	M	391.0	02/01/85	19.0	372.0	5112
13S/22E-08A01	M	412.0	01/31/85	36.0	376.0	5112
C-01.E DRANGE COVE HA						
14S/23E-02E01	M	416.0	02/06/85	8.9	407.1	5001
			09/27/85	9.0	407.0	
14S/23E-02F01	M		10/02/84	NM-1		5001
		428.0	01/21/85	8.8	419.2	
			09/30/85	8.0	420.0	
14S/23E-11D01	M	412.0	02/06/85	9.0	403.0	5001
			09/27/85	7.9	404.1	
14S/23E-11F01	M	462.0	10/02/84	25.5	436.5	5001
			01/21/85	NM-9		
			09/30/85	34.0	428.0	
14S/23E-14A01	M		10/02/84	NM-1		5001
		425.0	01/21/85	5.0	420.0	
			09/30/85	6.0	419.0	
14S/24E-15L01	M	500.0	10/02/84	16.0	484.0	5001
			01/21/85	13.5	486.5	
			09/30/85	26.5	473.5	
14S/24E-17C01	M	461.0	10/01/84	6.2	454.8	5001
			01/29/85	5.5	455.5	
14S/24E-17J01	M		10/02/84	NM-9		5001
		451.0	01/21/85	20.5	430.5	
			09/30/85	NM-9		
14S/24E-21D01	M	450.0	10/01/84	3.5	446.5	5001
14S/24E-21D01	M	450.0	01/29/85	2.5	447.5	5001
			09/30/85	3.9	446.1	
14S/24E-21H01	M		10/01/84	NM-9		5001
			01/29/85	NM-9		
			09/30/85	NM-9		
14S/24E-22L01	M	482.9	10/01/84	3.5	479.4	5001
			01/29/85	5.5	477.4	
			09/30/85	NM-1		
14S/24E-22N01	M	485.0	10/01/84	7.5	477.5	5001
			01/29/85	19.0	466.0	
			09/30/85	NM-1		
14S/24E-24H01	M	524.0	10/02/84	27.5	496.5	5001
			01/21/85	10.7	513.3	
			09/30/85	57.0	467.0	
14S/24E-28J01	M	443.0	10/01/84	35.2	407.8	5001
			01/29/85	32.7	410.3	
			09/30/85	35.6	407.4	
14S/24E-28R03	M	433.9	10/01/84	8.7	425.2	5001
			01/29/85	DRY		
			09/30/85	9.5	424.4	
14S/24E-29C02	M	432.0	10/01/84	44.1	387.9	5001
			01/29/85	37.0	395.0	
			09/30/85	48.3	383.7	
14S/24E-29K01	M	425.0	10/01/84	47.5	377.5	5001
			01/29/85	44.1	380.9	
			09/30/85	52.8	372.2	
14S/24E-30G01	M		10/02/84	NM-9		5001
			01/21/85	NM-2		
			09/30/85	NM-9		
14S/24E-34R01	M	439.0	10/01/84	6.5	432.5	5001
			01/29/85	NM-6		
			09/30/85	8.4	430.6	
14S/24E-35R01	M	445.0	10/01/84	10.0	435.0	5001
			01/29/85	19.0	426.0	
			09/30/85	33.0	412.0	
14S/25E-30D01	M	510.0	10/02/84	19.5	490.5	5001
			01/21/85	19.5	490.5	
			09/30/85	30.5	479.5	
15S/24E-10H01	M	413.5	10/01/84	9.4	404.1	5001
			01/29/85	9.5	404.0	
			09/30/85	10.9	402.6	
15S/24E-11A01	M	427.0	10/01/84	7.0	420.0	5001
			01/29/85	6.0	421.0	
			09/30/85	10.0	417.0	
15S/24E-12G02	M	434.4	10/01/84	7.5	426.9	5001
			01/29/85	7.5	426.9	
			09/30/85	6.5	427.9	
15S/24E-12H01	M	445.0	10/01/84	28.8	416.2	5001
			01/29/85	14.5	430.5	
			09/30/85	18.0	427.0	
15S/24E-12R01	M	437.8	10/01/84	11.5	426.3	5001
			01/29/85	11.5	426.3	
15S/24E-14H01	M	415.0	10/01/84	14.5	400.5	5001
			01/29/85	16.0	399.0	
			09/30/85	11.5	403.5	
15S/24E-23C01	M	403.0	10/01/84	29.3	373.7	5001
			01/29/85	21.0	382.0	
15S/24E-23J01	M	405.0	10/01/84	36.5	368.5	5001
			01/29/85	31.6	373.4	
15S/24E-24P01	M		10/01/84	NM-1		5001
		416.1	01/29/85	41.0	375.1	
15S/24E-24Q01	M	418.0	10/01/84	43.7	374.3	5001
			01/29/85	38.8	379.2	
15S/24E-26B01	M	400.0	10/01/84	37.3	362.7	5001
			01/29/85	32.4	367.6	
15S/24E-35G01	M	391.0	10/02/84	41.5	349.5	5001
			01/23/85	34.0	357.0	
15S/24E-36F01	M	402.0	10/01/84	43.6	358.4	5001
			01/29/85	38.3	363.7	
15S/25E-06Q01	M	464.0	10/01/84	32.5	431.5	5001
			01/29/85	24.0	440.0	
15S/25E-07Q01	M	454.0	10/01/84	6.0	448.0	5001
			01/29/85	17.0	437.0	
15S/25E-07G01	M	456.0	10/01/84	23.5	432.5	5001
			01/29/85	12.5	443.5	
15S/25E-16R01	M	492.0	10/01/84	2.5	489.5	5001
			01/29/85	17.0	475.0	
15S/25E-17D03	M	462.0	10/01/84	14.0	448.0	5001
			01/29/85	13.3	448.7	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C TULARE LAKE HB						
C-01 SOUTH VALLEY FLOOR HU						
C-01.E ORANGE COVE HA						
15S/25E-18C02	M	445.0	10/01/84	7.5	437.5	5001
			01/29/85	5.3	439.7	
15S/25E-19A01	M		10/01/84	NM-7		5001
		455.0	01/29/85	32.5	422.5	
15S/25E-19J01	M	448.0	10/01/84	43.0	405.0	5001
			01/29/85	34.1	413.9	
15S/25E-29A01	M	465.0	10/01/84	35.5	429.5	5001
			01/30/85	15.5	449.5	
15S/25E-29E01	M	436.5	10/01/84	9.5	427.0	5001
			01/30/85	9.5	427.0	
15S/25E-31A01	M	425.0	10/01/84	35.5	389.5	5001
			01/30/85	32.0	393.0	
15S/25E-32F01	M	415.0	10/01/84	26.5	388.5	5001
			01/30/85	22.0	393.0	
15S/25E-32J01	M	408.0	10/01/84	19.6	388.4	5001
			01/30/85	11.3	396.7	
15S/25E-33D01	M	424.4	10/01/84	23.0	401.4	5001
			01/30/85	18.8	405.6	
16S/25E-03K01	M	430.0	10/01/84	47.0	383.0	5001
			01/30/85	35.7	394.3	
16S/25E-04C02	M	415.0	10/01/84	39.0	376.0	5001
			01/30/85	24.8	390.2	
16S/25E-10J01	M	420.0	10/01/84	22.6	397.4	5001
			01/30/85	17.7	402.3	
16S/25E-11D02	M	425.0	10/01/84	17.0	408.0	5001
			01/30/85	17.7	407.3	
16S/25E-15E01	M		10/01/84	DRY		5001
		395.0	01/30/85	17.8	377.2	
16S/25E-22B01	M	392.5	10/01/84	10.1	382.4	5001
			01/30/85	10.3	382.2	
16S/25E-22E01	M		10/01/84	NM-6		5001
C-01.F ALTA HA						
14S/23E-14E01	M	388.0	02/06/85	13.0	375.0	5001
			09/27/85	17.5	370.5	
14S/23E-22A01	M	380.0	02/06/85	24.0	356.0	5001
			09/27/85	28.7	351.3	
14S/23E-25N01	M	395.0	02/06/85	56.2	338.8	5001
			09/27/85	NM-1		
14S/23E-26E01	M	363.5	02/06/85	27.8	335.7	5001
			09/27/85	33.6	329.9	
14S/23E-27C01	M	363.4	10/02/84	31.7	331.7	5001
			01/21/85	25.9	337.5	
			09/30/85	34.5	328.9	
14S/23E-34B01	M	359.0	02/06/85	27.3	331.7	5001
			09/27/85	30.0	329.0	
14S/23E-35H01	M	387.0	10/02/84	58.4	328.6	5001
			01/21/85	49.6	337.4	
			09/30/85	60.5	326.5	
14S/23E-36R01	M	391.0	02/06/85	41.9	349.1	5001
			09/27/85	52.6	338.4	
14S/24E-31P01	M	395.0	02/06/85	40.2	354.8	5001
			09/27/85	48.2	346.8	
15S/23E-01M01	M	380.0	02/06/85	42.4	337.6	5001
			09/27/85	48.7	331.3	
15S/23E-02E01	M	375.0	02/06/85	51.0	324.0	5001
			09/27/85	59.0	316.0	
15S/23E-02Q01	M	375.0	10/02/84	57.0	318.0	5001
			01/21/85	47.5	327.5	
			09/30/85	NM-9		
15S/23E-12J01	M	376.0	02/06/85	40.1	335.9	5001
			09/27/85	56.1	319.9	
15S/23E-12R01	M	371.0	02/06/85	40.1	330.9	5001
			09/27/85	54.1	316.9	
15S/23E-13D01	M	367.0	02/06/85	40.7	326.3	5001
			09/27/85	45.3	321.7	
15S/23E-14C01	M	366.0	10/02/84	53.0	313.0	5001
			01/21/85	47.9	318.1	
			09/30/85	55.0	311.0	
15S/23E-22B01	M	354.0	02/06/85	51.1	302.9	5001
			09/27/85	54.9	299.1	
15S/23E-23A02	M	358.0	02/06/85	49.1	308.9	5001
			09/27/85	55.4	302.6	
15S/23E-24D01	M	357.0	10/02/84	47.0	310.0	5001
			01/21/85	40.0	317.0	
C TULARE LAKE HB						
C-01 SOUTH VALLEY FLOOR HU						
C-01.F ALTA HA						
15S/23E-24D01	M	357.0	09/30/85	46.6	310.4	5001
15S/23E-24N01	M	349.1	02/06/85	35.5	313.6	5001
			09/27/85	43.8	305.3	
15S/23E-24N02	M	351.0	10/02/84	42.5	308.5	5001
			01/21/85	37.0	314.0	
			09/30/85	45.5	305.5	
15S/23E-35Q01	M	340.0	02/05/85	38.2	301.8	5001
			09/26/85	42.2	297.8	
15S/23E-36A01	M	346.0	02/05/85	22.4	323.6	5001
			09/27/85	21.5	324.5	
15S/23E-36P02	M	335.0	02/05/85	24.5	310.5	5001
			09/26/85	27.0	308.0	
15S/24E-05A01	M	400.0	10/02/84	14.0	386.0	5001
			01/23/85	15.0	385.0	
15S/24E-05A02	M		10/02/84	NM-1		5001
		395.0	01/23/85	28.5	366.5	
15S/24E-05A03	M	399.0	02/06/85	14.2	384.8	5001
			09/27/85	19.5	379.5	
15S/24E-05C01	M	398.0	02/06/85	32.6	365.4	5001
			09/27/85	NM-1		
15S/24E-06P01	M	383.0	02/06/85	42.0	341.0	5001
			09/27/85	65.5	317.5	
15S/24E-07Q01	M	373.0	02/06/85	36.4	336.6	5001
			09/27/85	NM-1		
15S/24E-08L01	M		10/02/84	NM-1		5001
		381.5	01/23/85	29.5	352.0	
15S/24E-09B01	M	398.0	10/02/84	17.3	380.7	5001
			01/23/85	10.7	387.3	
15S/24E-15K01	M	397.0	10/01/84	12.1	384.9	5001
			01/29/85	10.0	387.0	
15S/24E-16AC1	M	395.0	02/06/85	13.1	381.9	5001
			09/27/85	22.8	372.2	
15S/24E-16P01	M	380.0	02/06/85	22.1	357.9	5001
			09/27/85	32.7	347.3	
15S/24E-19D02	M	365.0	02/06/85	33.3	331.7	5001
			09/27/85	NM-2		
15S/24E-19H01	M	364.0	10/03/84	31.5	332.5	5001
			01/23/85	28.9	335.1	
15S/24E-20N01	M	359.0	02/06/85	23.3	335.7	5001
			09/27/85	NM-1		
15S/24E-22D01	M	389.0	02/06/85	15.0	373.0	5001
			09/27/85	16.6	371.4	
15S/24E-22E01	M		10/03/84	NM-1		5001
		385.0	01/23/85	14.7	370.3	
15S/24E-27A01	M	390.0	02/04/85	19.7	370.3	5001
			09/27/85	23.2	366.8	
15S/24E-27P02	M	396.0	02/04/85	34.8	361.2	5001
			09/27/85	29.6	366.4	
15S/24E-28D01	M	370.0	02/06/85	19.5	350.5	5001
			09/27/85	25.6	344.4	
15S/24E-28G02	M	371.0	10/03/84	15.8	355.2	5001
			01/23/85	20.0	351.0	
15S/24E-30C01	M	355.0	02/06/85	29.0	326.0	5001
			09/27/85	NM-1		
15S/24E-30N01	M		10/03/84	NM-6		5001
15S/24E-32C01	M	360.0	02/06/85	21.3	338.7	5001
			09/27/85	26.3	333.7	
15S/24E-32J01	M	356.0	10/02/84	16.0	340.0	5001
			01/23/85	16.5	339.5	
15S/24E-33B01	M	364.0	02/04/85	19.4	344.6	5001
			09/25/85	29.0(2)	335.0	
15S/24E-35D02	M	394.0	10/02/84	37.0	357.0	5001
			01/23/85	NM-9		
16S/22E-36R01	M	295.0	02/05/85	15.4	279.6	5001
			09/26/85	NM-1		
16S/23E-01J01	M	339.0	02/06/85	18.5	320.5	5001
			09/27/85	18.1	320.9	
16S/23E-03A01	M	335.0	02/05/85	32.7	302.3	5001
			09/27/85	35.3	299.7	
16S/23E-04L01	M	317.0	02/05/85	19.7	297.3	5001
			09/26/85	21.0	296.0	
16S/23E-09E01	M	310.0	02/05/85	20.8	289.2	5001
			09/26/85	20.1	289.9	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

C TULARE LAKE HB
C-01 SOUTH VALLEY FLOOR HU
C-01.F ALTA HA

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
16S/23E-13H01	M	320.5	02/05/85	16.0	304.5	5001
			09/26/85	15.1	305.4	
16S/23E-15A01	M	322.0	02/05/85	20.4	301.6	5001
			09/26/85	22.2	299.8	
16S/23E-16A01	M	321.8	02/05/85	25.4	296.4	5001
			09/26/85	26.5	295.3	
16S/23E-17A01	M	307.0	02/05/85	17.7	289.3	5001
			09/26/85	18.0	289.0	
16S/23E-17R01	M	311.5	02/05/85	21.4	290.1	5001
			09/26/85	21.5	290.0	
16S/23E-20B01	M	310.0	10/03/84	19.1	290.9	5001
			01/21/85	20.7	289.3	
			09/30/85	20.1	289.9	
16S/23E-21A02	M	316.0	10/03/84	20.0	296.0	5001
			01/21/85	20.5	295.5	
			09/30/85	22.3	293.7	
16S/23E-21H01	M	305.6	02/05/85	18.6	287.0	5001
			09/26/85	15.8	289.8	
16S/23E-22D02	M	317.0	02/05/85	19.2	297.8	5001
			09/26/85	20.7	296.3	
16S/23E-23E01	M	314.0	02/05/85	17.4	296.6	5001
			09/26/85	20.0	294.0	
16S/23E-25H01	M	311.0	02/05/85	18.0	293.0	5001
			09/26/85	15.1	295.9	
16S/23E-27H01	M	309.0	02/05/85	17.2	291.8	5001
			09/26/85	NM-1		
16S/23E-28A01	M	310.8	02/05/85	19.1	291.7	5001
			09/26/85	20.7	290.1	
16S/23E-31L01	M	295.0	02/05/85	19.7	275.3	5001
			09/26/85	20.8	274.2	
16S/23E-32B01	M	301.0	02/05/85	22.8	278.2	5001
			09/26/85	25.0	276.0	
16S/23E-32P01	M	296.0	02/05/85	21.2	274.8	5001
			09/27/85	24.9	271.1	
16S/23E-33B01	M	303.0	10/03/84	19.8	283.2	5001
			01/21/85	NM-3		
			09/30/85	28.5	274.5	
16S/23E-33H01	M	301.0	02/05/85	19.0	282.0	5001
			09/26/85	NM-1		
16S/23E-33R02	M	297.0	02/05/85	20.1	276.9	5001
			09/26/85	26.0	271.0	
16S/23E-34K01	M	302.0	02/05/85	20.8	281.2	5001
			09/26/85	NM-2		
16S/24E-02B01	M	388.0	02/04/85	44.0	344.0	5001
			09/25/85	50.1	337.9	
16S/24E-02P01	M	374.0	10/03/84	44.8	329.2	5001
			01/24/85	27.5	346.5	
			09/30/85	41.5	332.5	
16S/24E-03J02	M	369.4	02/04/85	29.0	340.4	5001
			09/25/85	44.4	325.0	
16S/24E-04B01	M	352.0	02/04/85	18.2	333.8	5001
			09/25/85	26.4	325.6	
16S/24E-05M01	M	337.0	02/04/85	15.3	321.7	5001
			09/27/85	NM-1		
16S/24E-06D01	M	346.0	10/03/84	27.0	319.0	5001
			01/21/85	25.9	320.1	
			09/30/85	25.5	320.5	
16S/24E-07D01	M	333.0	02/04/85	14.6	318.4	5001
			09/27/85	11.1	321.9	
16S/24E-07M01	M	326.5	10/03/84	15.0	311.5	5001
			01/21/85	12.0	314.5	
			09/30/85	7.0	319.5	
16S/24E-08H01	M	342.0	02/04/85	19.9	322.1	5001
			09/25/85	22.0	320.0	
16S/24E-09C01	M	348.0	10/02/84	20.1	327.9	5001
			01/21/85	NM-1		
16S/24E-10D03	M	355.0	02/04/85	30.2	324.8	5001
			09/25/85	43.8	311.2	
16S/24E-10J01	M	365.0	02/04/85	28.2	336.8	5001
			09/25/85	NM-1		
16S/24E-10P01	M	355.5	10/02/84	29.5	326.0	5001
			01/21/85	26.2	329.3	
16S/24E-12D01	M	371.0	10/02/84	29.5	341.5	5001
			01/21/85	NM-9		
16S/24E-12D02	M	377.0	02/04/85	29.1	347.9	5001
16S/24E-12D02	M	377.0	09/25/85	33.3	343.7	5001
16S/24E-13F02	M	357.5	10/02/84	8.4	349.1	5001
			01/21/85	15.0	342.5	
16S/24E-14A02	M	360.0	10/02/84	14.9	345.1	5001
			01/21/85	16.9	343.1	
16S/24E-14H01	M	360.0	02/04/85	16.4	343.6	5001
			09/25/85	20.1	339.9	
16S/24E-14N01	M	347.0	02/04/85	16.3	330.7	5001
			09/25/85	19.7	327.3	
16S/24E-16H01	M	347.0	02/04/85	26.5	320.5	5001
			09/25/85	NM-1		
16S/24E-18J01	M	326.0	02/04/85	21.9	304.1	5001
			09/26/85	24.4	301.6	
16S/24E-19C01	M	318.0	02/04/85	14.3	303.7	5001
			09/25/85	22.0	296.0	
16S/24E-19M01	M	316.0	10/02/84	13.5	302.5	5001
			01/21/85	19.0	297.0	
16S/24E-20A01	M	331.5	02/04/85	30.5	301.0	5001
			09/25/85	35.6	295.9	
16S/24E-21B01	M	341.0	10/02/84	30.0	311.0	5001
			01/21/85	23.5	317.5	
16S/24E-21J01	M	336.0	02/04/85	21.2	314.8	5001
			09/25/85	22.8	313.2	
16S/24E-23A01	M	350.0	10/02/84	8.4	341.6	5001
			01/21/85	9.0	341.0	
16S/24E-23J01	M	344.0	02/04/85	9.5	334.5	5001
			09/25/85	12.0	332.0	
16S/24E-24J01	M	351.0	10/02/84	5.2	345.8	5001
			01/21/85	5.8	345.2	
16S/24E-25C01	M	340.0	10/02/84	NM-4		5001
			01/24/85	12.5	327.5	
16S/24E-25L01	M	337.0	02/04/85	NM-4		5001
			09/25/85	13.4	323.6	
16S/24E-27A01	M	335.5	10/03/84	13.1	322.4	5001
			01/24/85	12.0	323.5	
16S/24E-27R01	M	328.0	02/04/85	13.7	314.3	5001
			09/25/85	10.9	317.1	
16S/24E-28F01	M	324.5	10/03/84	22.7	301.8	5001
			01/24/85	20.5	304.0	
16S/24E-28J01	M	326.0	02/04/85	16.5	309.5	5001
			09/25/85	17.1	308.9	
16S/24E-29A02	M	326.0	02/04/85	21.5	304.5	5001
			09/25/85	24.4	301.6	
16S/24E-30D01	M	312.0	02/05/85	13.0	299.0	5001
			09/26/85	11.2	300.8	
16S/24E-30R01	M	314.0	02/05/85	18.3	295.7	5001
			09/26/85	23.4	290.6	
16S/24E-31D01	M	307.0	10/03/84	13.6	293.4	5001
			01/21/85	19.5	287.5	
			09/30/85	15.0	292.0	
16S/24E-33M01	M	313.0	02/04/85	16.3	296.7	5001
			09/25/85	15.6	297.4	
16S/24E-33R01	M	312.0	10/03/84	NM-1		5001
			01/24/85	14.6	297.4	
16S/24E-34M01	M	315.0	02/04/85	12.1	302.9	5001
			09/25/85	12.1	302.9	
16S/24E-35M02	M	322.0	02/04/85	11.1	310.9	5001
			09/25/85	NM-5		
16S/24E-36D02	M	331.0	10/03/84	9.0	322.0	5001
			01/24/85	9.0	322.0	
16S/24E-36E01	M	331.0	02/04/85	11.2	319.8	5001
			09/25/85	10.9	320.1	
16S/25E-07D01	M	381.0	02/04/85	19.5	361.5	5001
			09/25/85	23.3	357.7	
16S/25E-08D01	M	383.0	02/04/85	17.0	366.0	5001
			09/25/85	20.8	362.2	
16S/25E-17C02	M	374.0	10/02/84	NM-1		5001
			01/24/85	12.2	361.8	
16S/25E-17H01	M	380.0	02/04/85	15.8	364.2	5001
			09/25/85	27.2	352.8	
16S/25E-17P01	M	369.0	02/04/85	15.2	353.8	5001
			09/25/85	19.8	349.2	
16S/25E-18D01	M	367.8	09/25/85	13.4	354.4	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.F		ALTA HA				
16S/25E-19D01	M	356.0	02/04/85	5.6	350.4	5001
			09/25/85	NM-2		
16S/25E-19L01	M	355.0	02/04/85	14.2	340.8	5001
			09/25/85	18.2	336.8	
16S/25E-21D01	M	381.0	02/04/85	21.0	360.0	5001
			09/25/85	30.3	350.7	
16S/25E-21P01	M	370.0	02/04/85	17.5	352.5	5001
			09/25/85	25.8	344.2	
16S/25E-28R01	M	358.5	02/04/85	23.9	334.6	5001
			09/25/85	32.4	326.1	
16S/25E-29A01	M	364.0	02/04/85	20.8	343.2	5001
			09/25/85	NM-2		
16S/25E-29A02	M		10/02/84	NM-1		5001
		362.0	01/24/85	21.0	341.0	
16S/25E-31C01	M	342.0	02/04/85	13.9	328.1	5001
			09/25/85	16.2	325.8	
16S/25E-31R02	M		10/02/84	NM-1		5001
		339.0	01/24/85	11.0	328.0	
16S/25E-32C01	M	350.0	02/04/85	19.1	330.9	5001
			09/25/85	25.4	324.6	
16S/25E-33A01	M		10/02/84	NM-1		5001
			01/24/85	NM-1		
16S/25E-34D02	M	354.0	10/02/84	17.1	336.9	5001
			01/24/85	23.1	330.9	
16S/25E-34P01	M	344.0	10/02/84	7.5	336.5	5001
			01/24/85	16.5	327.5	
16S/25E-34Q01	M	344.0	02/04/85	14.9	329.1	5001
			09/25/85	15.9	328.1	
16S/25E-36M02	M	368.0	10/05/84	21.8	346.2	5001
			02/04/85	19.8	348.2	
17S/22E-24E01	M	277.5	01/25/85	20.3	257.2	5001
17S/22E-24J01	M	278.0	10/04/84	27.0	251.0	5001
			01/24/85	27.3	250.7	
17S/22E-25A01	M	275.0	02/05/85	27.0	248.0	5001
			09/26/85	40.6	234.4	
17S/22E-25J01	M	275.0	02/05/85	35.1	239.9	5001
			09/26/85	42.2	232.8	
17S/22E-36J01	M	268.0	10/04/84	31.0	237.0	5001
			01/29/85	24.0	244.0	
17S/22E-36N01	M	266.0	01/25/85	26.0	240.0	5001
			09/27/85	34.8	231.2	
17S/23E-01A01	M	302.0	02/05/85	21.5	280.5	5001
			09/26/85	26.8	275.2	
17S/23E-02A01	M		10/04/84	NM-9		5001
			01/29/85	NM-9		
17S/23E-02B01	M	300.0	02/05/85	21.9	278.1	5001
			09/26/85	34.3	265.7	
17S/23E-07B01	M	289.0	01/25/85	20.1	268.9	5001
			09/27/85	29.9	259.1	
17S/23E-08J01	M	288.0	01/25/85	23.7	264.3	5001
			09/27/85	NM-1		
17S/23E-09B01	M	291.5	02/05/85	23.8	267.7	5001
			09/26/85	NM-1		
17S/23E-09Q01	M		10/04/84	NM-3		5001
		285.0	01/29/85	30.5	254.5	
17S/23E-10A01	M	291.5	02/05/85	21.9	269.6	5001
			09/26/85	27.8	263.7	
17S/23E-12C01	M		02/05/85	NM-1		5001
			09/26/85	NM-1		
17S/23E-13C01	M	288.0	10/04/84	31.5	256.5	5001
			01/29/85	25.3	262.7	
17S/23E-15R01	M	285.0	02/05/85	26.7	258.3	5001
			09/26/85	NM-1		
17S/23E-18D01	M	285.0	10/04/84	12.5	272.5	5001
			01/29/85	21.2	263.8	
17S/23E-18E01	M		02/05/85	NM-1		5001
		284.0	09/26/85	24.3	259.7	
17S/23E-18P01	M	281.0	10/04/84	32.0	249.0	5001
			01/29/85	25.7	255.3	
17S/23E-21C01	M	283.0	02/05/85	32.5	250.5	5001
			09/26/85	44.4	238.6	
17S/23E-22A01	M		02/05/85	NM-0		5001
17S/23E-23D02	M	281.0	09/26/85	28.7	252.3	5001
17S/23E-27D01	M	275.0	02/05/85	27.1	247.9	5001
			09/26/85	34.0	241.0	
17S/23E-27L01	M	270.5	10/01/84	41.5	229.0	5001
			01/29/85	35.5	235.0	
			09/30/85	NM-1		
17S/23E-30A01	M	276.0	01/25/85	34.0	242.0	5001
			09/27/85	42.6	233.4	
17S/23E-30B01	M	276.0	02/05/85	33.0	243.0	5001
			09/26/85	47.8	228.2	
17S/23E-31F01	M	270.0	01/25/85	31.9	238.1	5001
			09/27/85	47.9	222.1	
17S/24E-01B01	M	326.0	02/04/85	11.6	314.4	5001
			09/25/85	14.3	311.7	
17S/24E-02R01	M	314.0	02/04/85	12.0	302.0	5001
			09/25/85	16.9	297.1	
17S/24E-03K01	M	307.0	02/04/85	11.7	295.3	5001
			09/25/85	NM-1		
17S/24E-05B01	M	304.0	02/05/85	16.8	287.2	5001
			09/25/85	20.1	283.9	
17S/24E-08A01	M	298.0	02/04/85	17.6	280.4	5001
			09/25/85	24.5	273.5	
17S/24E-08C01	M	296.0	10/04/84	29.0	267.0	5001
			01/29/85	22.0	274.0	
17S/24E-12R02	M	318.0	02/04/85	25.1	292.9	5001
			09/25/85	37.7	280.3	
17S/24E-15A01	M	303.0	02/04/85	12.8	290.2	5001
			09/25/85	NM-1		
17S/24E-15A02	M	302.0	10/04/84	27.9	274.1	5001
			01/30/85	26.5	275.5	
17S/24E-15A03	M	302.0	10/04/84	25.7	276.3	5001
			01/30/85	23.5	278.5	
17S/24E-16A01	M	296.0	02/04/85	12.3	283.7	5001
			09/25/85	NM-1		
17S/24E-16R01	M	285.0	09/26/85	36.7	248.3	5001
17S/24E-17A01	M	292.0	02/04/85	12.8	279.2	5001
			09/25/85	21.5	270.5	
17S/24E-20D02	M	287.0	02/05/85	13.3	273.7	5001
			09/26/85	15.0	272.0	
17S/25E-01D01	M	355.0	02/04/85	15.8	339.2	5001
			09/25/85	20.3	334.7	
17S/25E-01P01	M	353.2	02/04/85	16.5	336.7	5001
			09/25/85	28.7	324.5	
17S/25E-03B01	M	344.0	02/04/85	17.7	326.3	5001
			09/25/85	20.5	323.5	
17S/25E-03R01	M		10/04/84	NM-1		5001
			01/30/85	NM-9		
17S/25E-04N01	M	332.0	02/04/85	23.5	308.5	5001
			09/25/85	24.0	308.0	
17S/25E-06A01	M	333.0	02/04/85	15.5	317.5	5001
			09/25/85	21.6	311.4	
17S/25E-18A01	M	325.0	02/04/85	35.4	289.6	5001
			09/25/85	NM-1		
17S/25E-18R01	M	321.0	02/04/85	46.0	275.0	5001
			09/25/85	53.9	267.1	
17S/25E-21R01	M	336.5	10/09/84	95.4	241.1	5001
			02/04/85	NM-1		
C-01.6		CONSOLIDATED HA				
13S/23E-33Q02	M	419.0	10/06/84	8.1	410.9	5001
			02/11/85	8.8	410.2	
13S/23E-34M01	M	426.0	10/06/84	11.1	414.9	5001
			02/11/85	3.3	422.7	
14S/21E-25Q01	M	330.9	10/01/84	33.4	297.5	5001
			02/01/85	31.7	299.2	
14S/21E-27R02	M	320.1	10/01/84	35.4	284.7	5001
			02/01/85	33.5	286.6	
14S/22E-08N01	M	349.6	10/01/84	31.4	318.2	5001
			01/01/85	31.0	318.6	
			02/01/85	29.8	319.8	
14S/22E-09P01	M	361.0	10/01/84	29.0	332.0	5001
			01/01/85	NM-4		
			03/01/85	19.2	341.8	
14S/22E-14R01	M	374.6	10/01/84	24.3	350.3	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.6		CONSOLIDATED HA				
14S/22E-14B01	M	374.6	03/01/85	26.0	348.6	5001
14S/22E-22N01	M	355.7	10/01/84	23.1	332.6	5001
			03/01/85	22.7	333.0	
14S/22E-26A01	M	366.7	10/01/84	33.7	333.0	5001
			03/01/85	33.5	333.2	
14S/22E-30A01	M	341.8	10/01/84	24.4	317.4	5001
			02/01/85	25.6	316.2	
14S/22E-36N01	M	326.6	10/02/84	11.8	314.8	5001
			01/21/85	12.5	314.1	
14S/23E-04M01	M	406.5	10/01/84	11.1	395.4	5001
			01/01/85	NM-9		
14S/23E-15C01	M	392.0	02/06/85	15.0	377.0	5001
			09/27/85	16.2	375.8	
14S/23E-31P01	M	333.0	10/02/84	19.5	313.5	5001
			01/21/85	15.8	317.2	
			09/30/85	17.1	315.9	
14S/23E-32C01	M	335.0	10/02/84	18.5	316.5	5001
			01/21/85	12.5	322.5	
			09/30/85	18.0	317.0	
15S/19E-24N01	M	246.6	10/01/84	79.8	166.8	5001
			02/01/85	77.7	168.9	
15S/19E-35R01	M	242.9	10/01/84	90.3	152.6	5001
			02/01/85	86.2	156.7	
15S/20E-19R01	M	251.5	10/01/84	63.2	188.3	5001
			02/01/85	59.9	191.6	
15S/20E-34N01	M	259.6	10/01/84	55.4	204.2	5001
			02/01/85	53.5	206.1	
15S/20E-36N01	M	268.1	10/01/84	35.8	232.3	5001
			02/01/85	35.1	233.0	
15S/21E-02A01	M	322.0	10/01/84	21.2	300.8	5001
			02/01/85	22.0	300.0	
15S/21E-10E01	M	305.8	10/01/84	21.4	284.4	5001
			01/01/85	21.3	284.5	
15S/21E-14A01	M	319.9	10/01/84	21.1	298.8	5001
			02/01/85	22.7	297.2	
15S/21E-15D01	M	301.2	10/01/84	21.1	280.1	5001
			02/01/85	19.3	281.9	
15S/21E-17D01	M	292.2	10/01/84	21.2	271.0	5001
			02/01/85	21.7	270.5	
15S/21E-27D01	M	302.3	10/01/84	22.3	280.0	5001
			02/01/85	22.1	280.2	
15S/21E-30A02	M	285.8	10/01/84	24.4	261.4	5001
			02/01/85	25.0	260.8	
15S/21E-34N01	M	293.7	10/01/84	14.7	279.0	5001
			02/01/85	17.4	276.3	
15S/21E-35R01	M	307.9	10/01/84	22.1	285.8	5001
			02/01/85	23.1	284.8	
15S/22E-02C01	M	352.7	10/01/84	20.0	332.7	5001
			02/01/85	22.1	330.6	
15S/22E-03D01	M	340.1	10/01/84	7.4	332.7	5001
			02/01/85	9.5	330.6	
15S/22E-06A01	M	335.4	10/01/84	22.4	313.0	5001
			02/01/85	19.6	315.8	
15S/22E-14A01	M	347.6	10/01/84	32.4	315.2	5001
			02/01/85	32.2	315.4	
15S/22E-16A01	M	337.0	10/01/84	16.7	320.3	5001
			02/01/85	17.0	320.0	
15S/22E-18A01	M	325.3	10/01/84	12.7	312.6	5001
			02/01/85	14.1	311.2	
15S/22E-23R01	M	339.1	10/01/84	30.2	308.9	5001
			02/01/85	28.6	310.5	
15S/22E-32N01	M	309.0	10/01/84	20.2	288.8	5001
			03/01/85	20.7	288.3	
15S/22E-33R01	M	315.7	10/01/84	19.8	295.9	5001
			02/01/85	21.4	294.3	
15S/22E-36P01	M	323.3	10/01/84	29.4	293.9	5001
			02/01/85	25.8	297.5	
15S/23E-07R01	M	356.3	10/01/84	49.2	307.1	5001
			02/01/85	45.2	311.1	
15S/23E-09001	M	360.0	10/01/84	58.7	301.3	5001
			02/01/85	58.4	301.6	
15S/23E-21001	M	345.3	10/01/84	43.8	301.5	5001
			02/01/85	48.4	296.9	
15S/23E-30B01	M	339.7	10/01/84	34.1	305.6	5001
			02/01/85	37.9	301.8	
15S/23E-31R02	M	329.1	10/01/84	30.0	299.1	5001
			02/01/85	30.9	298.2	
15S/23E-33P01	M	330.2	10/01/84	30.0	300.2	5001
			02/01/85	30.6	299.6	
16S/19E-12P02	M	235.0	10/26/84	99.0(9)	136.0	5001
			02/20/85	93.0(9)	142.0	
16S/19E-14A01	M	235.5	10/01/84	103.4	132.1	5001
			02/01/85	97.1	138.4	
16S/19E-23D01	M	230.0	10/26/84	117.0(9)	113.0	5001
			02/20/85	112.0	118.0	
16S/20E-06A01	M	248.6	10/01/84	71.1	177.5	5001
			02/01/85	69.1	179.5	
16S/20E-09R01	M		10/01/84	NM-7		5001
		254.3	02/01/85	53.5	200.8	
16S/20E-14A01	M	265.2	10/01/84	37.0	228.2	5001
			02/01/85	38.8	226.4	
16S/20E-18A01	M	245.3	10/01/84	79.8	165.5	5001
			02/01/85	76.1	169.2	
16S/20E-22N01	M	247.7	10/01/84	63.0	184.7	5001
			02/01/85	62.9	184.8	
16S/20E-23R01	M	254.8	10/01/84	48.2	206.6	5001
			02/01/85	46.4	208.4	
16S/21E-06A01	M	281.5	10/01/84	20.4	261.1	5001
			02/01/85	23.5	258.0	
16S/21E-14A02	M	289.1	10/01/84	16.5	272.6	5001
			02/01/85	17.2	271.9	
16S/21E-15D01	M	282.3	10/01/84	20.2	262.1	5001
			02/01/85	18.4	263.9	
16S/21E-18A01	M	274.3	10/01/84	26.0	248.3	5001
			02/01/85	29.4	244.9	
16S/21E-22N01	M	271.0	10/01/84	36.7	234.3	5001
			02/01/85	31.1	239.9	
16S/21E-23R01	M	280.0	10/01/84	23.5	256.5	5001
			02/01/85	23.6	256.4	
16S/22E-07C01	M	306.3	10/01/84	19.1	287.2	5001
			02/01/85	20.6	285.7	
16S/22E-16A01	M	306.2	10/01/84	19.9	286.3	5001
			02/01/85	19.4	286.8	
16S/22E-18A01	M	296.8	10/01/84	20.4	276.4	5001
			02/01/85	19.0	277.8	
16S/22E-19R01	M	287.3	10/01/84	18.8	268.5	5001
			02/01/85	18.0	269.3	
16S/22E-21R01	M	297.5	10/01/84	15.9	281.6	5001
			02/01/85	18.0	279.5	
16S/22E-23R01	M	297.5	10/01/84	18.6	278.9	5001
			02/01/85	22.1	275.4	
16S/23E-18A01	M	319.0	10/01/84	28.8	290.2	5001
			02/01/85	28.2	290.8	
16S/23E-19P01	M		10/01/84	NM-7		5001
		304.6	02/01/85	23.4	281.2	
17S/22E-01C01	M	289.6	10/01/84	22.2	267.4	5001
			02/01/85	23.2	266.4	
17S/22E-03C01	M	286.0	10/01/84	13.7	272.3	5001
			02/01/85	15.0	271.0	
17S/22E-11P01	M	283.0	01/25/85	16.0	267.0	5001
17S/22E-16H01	M	276.0	01/25/85	16.3	259.7	5001
17S/22E-16J01	M	276.0	01/25/85	16.9	259.1	5001
C-01.H		LOWER KINGS RIVER HA				
14S/16E-33N01	M	160.0	02/04/85	18.5	141.5	5001
14S/16E-35M01	M	164.0	10/04/84	73.3	92.7	5001
			02/04/85	44.0	120.0	
			09/30/85	77.6	88.4	
15S/15E-01C01	M	159.0	10/04/84	12.2	146.8	5001
15S/15E-13D02	M		11/29/84	NM-4		5646
15S/15E-13H02	M		11/29/84	NM-4		5646
15S/16E-01Q02	M	171.0	10/04/84	77.5	93.5	5001
			02/04/85	54.0	117.0	
			09/20/85	85.7	85.3	
15S/16E-02R01	M		10/04/84	NM-3		5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C	TULARE LAKE HB				
C-01	SOUTH VALLEY FLOOR HU				
C-01.H	LOWER KINGS RIVER HA				
15S/16E-02B01 M		02/04/85	NM-9		5001
	170.0	09/20/85	80.0	90.0	
15S/16E-12C01 M	169.5	02/04/85	44.1	125.4	5001
15S/16E-12C02 M	169.0	02/04/85	33.4	135.6	5001
15S/16E-12C03 M		10/04/84	NM-4		5001
15S/16E-13J01 M	170.0	10/09/84	39.2	130.8	5001
15S/16E-17L01 M	165.0	01/04/85	37.5	127.5	5001
15S/16E-17L02 M	165.0	01/04/85	35.0	130.0	5001
15S/16E-17L03 M	165.0	01/04/85	42.2	122.8	50C1
15S/16E-21Q01 M	168.0	01/04/85	57.1	110.9	5001
15S/16E-25R01 M	174.0	10/04/84	88.7	85.3	50C1
		02/04/85	79.4	94.6	
15S/16E-26A01 M	171.0	10/09/84	64.5	106.5	5001
15S/16E-28A01 M	168.5	02/04/85	57.3	111.2	5001
15S/16E-28A02 M	169.0	02/04/85	57.7	111.3	5001
15S/16E-28A03 M	168.5	02/04/85	85.3	83.2	5001
15S/16E-28A04 M	168.5	02/04/85	85.8	82.7	5001
15S/16E-29N01 M	173.5	02/04/85	75.2	98.3	5001
15S/17E-18B01 M	175.0	10/05/84	85.0	90.0	5001
		02/04/85	75.6	99.4	
		09/30/85	86.3	88.7	
15S/17E-20C01 M	175.0	10/05/84	95.1	79.9	5001
		02/04/85	73.4	101.6	
		09/30/85	95.3	79.7	
15S/17E-21J01 M	180.0	02/05/85	110.0	70.0	5001
15S/17E-28K01 M	179.0	10/05/84	107.7	71.3	5001
		02/05/85	98.3	80.7	
15S/17E-30P01 M	175.0	02/05/85	87.7	87.3	5001
15S/17E-32L03 M	175.0	02/05/85	87.0	88.0	5001
15S/17E-33A01 M		10/04/84	NM-1		5001
	178.5	02/04/85	104.6	73.9	
15S/17E-35N01 M		10/04/84	NM-3		5001
	182.0	02/04/85	119.1	62.9	
		09/30/85	147.2	34.8	
16S/16E-02M01 M	175.5	10/05/84	89.8	85.7	5001
		02/04/85	82.6	92.9	
16S/17E-02J01 M	187.0	10/09/84	158.2	28.8	5001
		02/21/85	NM-7		
16S/17E-03J02 M		10/05/84	NM-3		5001
		02/04/85	NM-3		
16S/17E-04P01 M	175.0	10/05/84	111.7	63.3	5001
		02/04/85	106.7	68.3	
16S/17E-12J01 M		10/09/84	NM-1		5001
		02/21/85	NM-1		
16S/17E-15J01 M	185.0	10/09/84	147.3	37.7	5001
		02/21/85	NM-1		
16S/17E-16B01 M	183.0	12/06/84	110.0	73.0	5646
16S/17E-16F01 M	182.0	10/09/84	122.9	59.1	5001
		02/21/85	173.0	9.0	
16S/17E-17H01 M	181.0	10/09/84	147.1	33.9	5001
		02/21/85	163.0	18.0	
16S/17E-17N01 M	184.0	10/09/84	75.4	108.6	5001
		02/21/85	NM-1		
16S/17E-24F01 M	186.0	10/09/84	172.9	13.1	5001
		02/21/85	NM-1		
16S/17E-25M01 M	187.0	10/09/84	141.2	45.8	50C1
		02/21/85	NM-1		
16S/17E-27N01 M		10/09/84	NM-1		5001
		02/21/85	NM-1		
16S/18E-18A01 M	185.0	10/25/84	141.0(9)	44.0	5001
		02/20/85	173.0(9)	12.0	
16S/18E-22J01 M		10/25/84	NM-1		5001
	205.0	02/20/85	165.0(9)	40.0	
16S/18E-25M01 M	205.0	10/25/84	156.0(9)	49.0	5001
		02/20/85	146.0(9)	59.0	
16S/18E-31M01 M	190.0	10/09/84	155.2	34.8	5001
		02/21/85	167.0	23.0	
16S/18E-33Q01 M	196.0	10/25/84	114.0(9)	82.0	5001

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.H		LOWER KINGS RIVER HA				
16S/18E-33Q01 M		196.0	02/20/85	128.0(9)	68.0	5001
16S/18E-36P01 M		205.0	10/25/84	137.0(9)	68.0	5001
			02/20/85	NM-9		
16S/19E-28P01 M		220.0	10/26/84	136.0(9)	84.0	5001
			02/20/85	NM-2		
16S/19E-32P01 M		215.0	10/26/84	141.0(9)	74.0	5001
			02/20/85	140.0(9)	75.0	
16S/19E-34P01 M		220.0	10/26/84	120.0(9)	100.0	5001
			02/20/85	127.0(9)	93.0	
16S/20E-31R01 M			10/01/84	NM-7		5001
			02/01/85	NM-7		
16S/20E-34N01 M		236.4	10/01/84	60.6	175.8	5001
			02/01/85	53.7	182.7	
17S/17E-02H01 M		195.0	12/06/84	142.0(8)	53.0	5646
17S/17E-02R01 M		197.0	12/06/84	145.0	52.0	5646
17S/17E-13G01 M		204.0	12/06/84	141.0	63.0	5646
17S/17E-23E01 M		216.5	12/06/84	155.0	61.5	5646
17S/17E-23H01 M		213.0	10/16/84	8.5	204.5	5001
17S/17E-23H02 M			10/16/84	DRY		5001
17S/18E-02P01 M		199.0	10/25/84	115.0(9)	84.0	5001
			02/21/85	137.0(9)	62.0	
17S/18E-05Q01 M		192.0	12/06/84	126.0	66.0	5646
17S/18E-06R01 M		194.0	12/06/84	115.5	78.5	5646
17S/18E-07M01 M		198.0	12/06/84	137.0(8)	61.0	5646
17S/18E-07N03 M		199.0	12/06/84	153.0	46.0	5646
17S/18E-09C01 M		194.0	10/25/84	125.0(9)	69.0	5001
			02/21/85	138.0(9)	56.0	
17S/18E-09N02 M		198.0	10/25/84	125.0(9)	73.0	5001
			02/21/85	137.0(9)	61.0	
17S/18E-09R01 M		195.0	10/25/84	119.0(9)	76.0	5001
			02/21/85	152.0(9)	43.0	
17S/18E-13R01 M		202.5	10/25/84	43.5	159.0	5001
			02/21/85	42.5	160.0	
17S/18E-16J01 M		197.0	12/06/84	119.0	78.0	5646
17S/18E-17N01 M		205.0	10/25/84	132.0	73.0	5001
			02/21/85	NM-1		
17S/18E-17N02 M		205.0	12/06/84	132.0	73.0	5646
17S/18E-18M02 M		204.0	10/25/84	141.0(9)	63.0	5001
			12/06/84	139.0	65.0	5646
			02/21/85	NM-1		5001
17S/18E-21P02 M		205.0	10/25/84	127.0(9)	78.0	5001
			02/21/85	147.0(9)	58.0	
17S/18E-26M01 M		204.0	10/25/84	110.0(9)	94.0	5001
			02/21/85	145.0(9)	59.0	
17S/18E-36L02 M		208.0	10/25/84	97.0(9)	111.0	5001
			02/21/85	110.0(9)	98.0	
17S/19E-01C01 M		226.1	10/01/84	108.4	117.7	5001
			02/01/85	100.2	125.9	
17S/19E-07A01 M		205.0	10/25/84	110.0(9)	95.0	5001
			02/21/85	116.0(9)	89.0	
17S/19E-07D01 M		205.0	10/25/84	120.5(9)	84.5	5001
			02/21/85	141.5(9)	63.5	
17S/19E-10A01 M		220.0	10/25/84	138.0(9)	82.0	5001
			02/21/85	70.0	150.0	
17S/19E-10A02 M		220.0	10/25/84	104.0(9)	116.0	5001
			02/21/85	103.0(9)	117.0	
17S/19E-18K01 M		203.0	10/25/84	103.0(9)	100.0	5001
			02/21/85	116.0(9)	87.0	
17S/19E-21L02 M		210.0	10/25/84	86.0(9)	124.0	5001
			02/21/85	103.0(9)	107.0	
17S/19E-27G01 M		213.0	10/25/84	81.0(9)	132.0	5001
			02/21/85	117.0(9)	96.0	
17S/19E-30K01 M		204.0	10/25/84	49.0(9)	155.0	5001
			02/21/85	45.0(9)	159.0	
17S/19E-34N01 M		210.0	10/26/84	76.0(9)	134.0	5001
			02/21/85	NM-1		
17S/20E-04B01 M		234.0	10/26/84	67.5	166.5	5001
			02/21/85	66.0(9)	168.0	
17S/20E-06M01 M		230.0	10/26/84	95.5(9)	134.5	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.H		LOWER KINGS RIVER HA				
17S/20E-06M01	M	230.0	02/21/85	91.5(9)	138.5	5001
17S/20E-09H01	M	232.0	10/26/84	60.0	172.0	5001
			02/21/85	57.0(9)	175.0	
17S/20E-11J01	M	240.0	10/26/84	40.5	199.5	5001
			02/22/85	42.5(9)	197.5	
17S/20E-20D01	M	223.0	10/26/84	63.0	160.0	5001
			02/22/85	65.0	158.0	
17S/20E-22P01	M	235.0	10/29/84	42.0(9)	193.0	5001
			02/22/85	43.0	192.0	
17S/20E-24N01	M	235.0	10/29/84	40.7(9)	194.3	5001
			02/22/85	42.7(9)	192.3	
17S/20E-26E01	M	235.0	10/29/84	56.0	179.0	5001
			02/22/85	54.0	181.0	
17S/20E-28N01	M	230.0	10/26/84	63.0(9)	167.0	5001
			02/22/85	70.0(9)	160.0	
17S/20E-33A01	M	231.0	10/26/84	3.0	228.0	5001
			02/22/85	5.0	226.0	
17S/20E-36C03	M	241.0	10/08/84	37.4	203.6	5001
			02/26/85	36.8	204.2	
17S/21E-07J01	M	253.0	10/29/84	59.5(9)	193.5	5001
			02/22/85	50.5(9)	202.5	
17S/21E-17J01	M	249.0	10/29/84	33.0(9)	216.0	5001
			02/22/85	33.0	216.0	
17S/21E-19A02	M		10/29/84	NM-0		5001
17S/21E-19R01	M	249.0	10/29/84	29.0(9)	216.0	5001
			02/22/85	NM-7		
17S/21E-20G01	M	248.0	10/29/84	31.0	217.0	5001
			02/22/85	NM-1		
17S/21E-22C01	M	252.5	10/29/84	29.5	223.0	5001
			02/22/85	27.0	225.5	
17S/21E-29D03	M	247.0	10/29/84	24.0	223.0	5050
18S/18E-04N02	M	230.0	12/04/84	134.0	96.0	5646
18S/18E-09P01	M	236.0	12/04/84	130.0	106.0	5646
18S/18E-15G01	M	233.0	12/05/84	118.5	114.5	5646
18S/19E-01P02	M		02/21/85	NM-7		5001
18S/19E-02F02	M	215.0	10/26/84	10.0	205.0	5001
			02/21/85	15.0(2)	200.0	
18S/19E-05E01	M	204.0	10/26/84	93.0	111.0	5001
			02/21/85	140.0(9)	64.0	
18S/19E-05Q03	M	210.0	10/26/84	96.0(9)	114.0	5001
			02/21/85	NM-1		
18S/19E-07P02	M	219.0	10/26/84	113.0(9)	106.0	5050
			02/20/85	127.0	92.0	
			02/21/85	138.0(9)	81.0	5001
18S/19E-07R01	M	215.0	10/26/84	109.0(9)	106.0	5050
			02/21/85	124.0(9)	91.0	5001
18S/19E-13K01	M	220.0	10/29/84	7.5	212.5	5050
			02/20/85	4.5	215.5	5001
18S/19E-14E01	M	213.0	10/29/84	5.5	207.5	5050
			02/20/85	4.2	208.8	5001
18S/19E-16M01	M	215.0	12/04/84	89.0	126.0	5646
18S/19E-22M02	M	211.0	12/04/84	80.8	130.2	5646
18S/19E-34E01	M	215.0	12/04/84	87.5	127.5	5646
18S/19E-35J01	M	211.0	10/29/84	7.1	203.9	5050
			02/20/85	4.6	206.4	5001
18S/19E-35J02	M	211.0	10/29/84	80.0(9)	131.0	5050
			02/20/85	6.5	204.5	5001
18S/20E-09M01	M	228.0	10/29/84	4.0	224.0	5050
			02/20/85	5.0	223.0	5001
18S/20E-10M01	M	230.0	10/29/84	70.0(9)	160.0	5050
			02/20/85	53.0(9)	177.0	5001
18S/20E-17D01	M	224.5	10/29/84	4.7	219.8	5050
			02/20/85	4.2	220.3	5001
18S/20E-19N01	M	217.0	10/29/84	81.0(9)	136.0	5050
			02/20/85	76.0(9)	141.0	5001
19S/19E-03H02	M	208.0	10/29/84	96.0(9)	112.0	5050
			02/20/85	79.0(9)	129.0	5001
19S/19E-24E01	M	215.0	10/29/84	89.0(9)	126.0	5050
			12/13/84	85.0	130.0	5646
			02/20/85	84.0(9)	131.0	5050

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.J		HANFORD-LEMOORE HA				
17S/20E-36R02	M	243.0	10/08/84	15.8	227.2	5001
			02/26/85	15.1	227.9	
17S/21E-27L01	M	255.0	10/08/84	20.6	234.4	5001
			02/26/85	NM-1		
17S/21E-31R01	M	244.0	10/08/84	39.4	204.6	5001
			02/26/85	41.8	202.2	
17S/21E-32K01	M	246.0	10/08/84	31.3	214.7	5001
			02/26/85	29.4	216.6	
17S/21E-32P01	M	245.0	10/08/84	35.7	209.3	5001
			02/26/85	37.7	207.3	
17S/21E-33R01	M	251.0	10/08/84	37.5	213.5	5001
			02/26/85	35.9	215.1	
17S/21E-33Q01	M	247.0	10/08/84	31.8	215.2	5001
			02/26/85	32.6	214.4	
17S/21E-35C01	M	258.0	10/08/84	20.7	237.3	5001
			02/26/85	NM-1		
17S/21E-36B01	M	263.0	10/29/84	28.0	235.0	5001
			02/22/85	26.0	237.0	
17S/22E-28A01	M	273.0	10/04/84	23.2	249.8	5001
			01/25/85	22.0	251.0	
			01/29/85	22.5	250.5	
17S/22E-30A01	M	265.0	01/25/85	22.4	242.6	5001
17S/22E-30M01	M	264.3	01/25/85	21.6	242.7	5001
17S/22E-31A01	M	262.0	01/25/85	28.3	233.7	5001
17S/22E-31M01	M	259.0	03/01/85	36.4	222.6	5001
17S/22E-32C01	M	262.5	01/25/85	27.0	235.5	5001
17S/22E-33P01	M	266.0	01/25/85	37.8	228.2	5001
17S/22E-35A01	M	270.0	10/04/84	25.5	244.5	5001
			01/29/85	30.0	240.0	
17S/22E-35N01	M	266.0	01/25/85	31.4	234.6	5001
18S/20E-01J02	M	240.0	10/08/84	15.4	224.6	5001
			03/01/85	10.4	229.6	
18S/20E-03K01	M	232.5	10/29/84	62.0	170.5	5050
			02/20/85	53.0(9)	179.5	5001
18S/20E-04D01	M	231.0	10/29/84	4.0	227.0	5050
			02/20/85	3.2	227.8	5001
18S/20E-12C01	M	239.0	10/29/84	60.0(9)	179.0	5050
			02/20/85	52.0(9)	187.0	5001
18S/20E-22C01	M	230.0	10/29/84	8.4	221.6	5050
			02/20/85	5.3	224.7	5001
18S/20E-22J01	M	233.0	10/09/84	8.2	224.8	5001
			02/25/85	7.9	225.1	
18S/20E-26D01	M	235.0	10/09/84	9.9	225.1	5001
			02/25/85	10.9	224.1	
18S/20E-26J01	M	236.0	10/09/84	9.9	226.1	5001
			02/25/85	11.2	224.8	
18S/20E-34N01	M	225.0	10/29/84	71.2	153.8	5050
			02/20/85	81.2(9)	143.8	5001
18S/20E-36M01	M	233.0	10/09/84	6.7	226.3	5001
			02/25/85	7.8	225.2	
18S/21E-01C01	M	260.5	10/08/84	48.0	212.5	5001
			02/26/85	43.7	216.8	
18S/21E-02R01	M	259.5	10/08/84	60.1	199.4	5001
			02/26/85	56.4	203.1	
18S/21E-03D01	M		10/08/84	NM-1		5001
		248.0	02/26/85	32.5	215.5	
18S/21E-03J01	M	256.0	10/08/84	52.9	203.1	5001
			03/01/85	55.4	200.6	
18S/21E-04L01	M	246.0	10/08/84	52.2	193.8	5001
			03/01/85	41.6	204.4	
18S/21E-05M02	M	243.0	10/08/84	42.1	200.9	5001
			03/01/85	41.8	201.2	
18S/21E-07R03	M	240.0	10/09/84	59.1	180.9	5001
			03/01/85	59.4	180.6	
18S/21E-08J01	M	244.0	10/09/84	49.5	194.5	5001
			03/01/85	48.9	195.1	
18S/21E-10F01	M	251.0	10/09/84	60.9	190.1	5001
			02/26/85	47.1	203.9	
18S/21E-10R01	M	254.0	10/09/84	62.1	191.9	5001
			02/26/85	55.9	198.1	
18S/21E-12N01	M	253.0	10/08/84	73.8	179.2	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C TULARE LAKE HB						
C-01 SOUTH VALLEY FLOOR HU						
C-01.J HANFORD-LEMOORE HA						
18S/21E-12N01	M	253.0	02/26/85	68.6	184.4	5001
18S/21E-14R01	M		10/08/84	NM-1		5001
		251.0	02/26/85	61.4	189.6	
18S/21E-15C01	M	252.0	10/08/84	66.5	185.5	5001
			02/26/85	50.3	201.7	
18S/21E-16F01	M	245.0	10/09/84	16.3	228.7	5001
			03/01/85	16.0	229.0	
18S/21E-17F01	M	245.0	10/09/84	13.8	231.2	5001
			03/01/85	14.3	230.7	
18S/21E-17H01	M		10/09/84	NM-1		5001
			03/01/85	NM-1		
18S/21E-17N01	M	238.0	10/09/84	11.0	227.0	5001
			03/01/85	10.3	227.7	
18S/21E-18R01	M	237.0	10/09/84	12.4	224.6	5001
			03/01/85	NM-1		
18S/21E-19H01	M	240.0	10/09/84	13.3	226.7	5001
			03/01/85	12.3	227.7	
18S/21E-20Q01	M	244.0	10/09/84	9.5	234.5	5001
			02/26/85	9.0	235.0	
18S/21E-21H01	M	250.0	10/09/84	76.4	173.6	5001
			02/26/85	59.6	190.4	
18S/21E-26D01	M	245.0	10/09/84	66.0	179.0	5001
			02/26/85	57.8	187.2	
18S/21E-26D02	M	244.0	10/09/84	71.6	172.4	5001
			02/26/85	59.7	184.3	
18S/21E-27B01	M	246.0	10/09/84	66.2	179.8	5001
			02/26/85	52.1	193.9	
18S/21E-28B01	M	243.0	10/09/84	19.2	223.8	5001
			02/26/85	19.3	223.7	
18S/21E-29R01	M	238.0	10/09/84	10.7	227.3	5001
			02/26/85	11.7	226.3	
18S/21E-30D01	M	237.0	10/09/84	7.0	230.0	5001
			02/25/85	6.9	230.1	
18S/21E-31B01	M	239.0	10/09/84	87.6	151.4	5001
			02/25/85	77.2	161.8	
18S/21E-32A01	M	238.0	10/09/84	81.4	156.6	5001
			02/26/85	64.4	173.6	
18S/21E-32C01	M	238.0	10/09/84	10.1	227.9	5001
			02/26/85	9.9	228.1	
18S/21E-34B02	M	242.0	10/09/84	77.0	165.0	5001
			02/26/85	63.8	178.2	
18S/22E-03B01	M	266.0	01/25/85	38.0	228.0	5001
18S/22E-03M01	M	265.0	10/08/84	54.4(2)	210.6	5001
			01/25/85	45.1	219.9	
18S/22E-04B01	M		10/05/84	NM-6		5001
18S/22E-06D01	M	260.5	10/08/84	55.3	205.2	5001
			03/01/85	56.4	204.1	
18S/22E-06E02	M	260.0	10/08/84	58.6	201.4	5001
			03/01/85	53.1	206.9	
18S/22E-07A01	M	260.0	10/04/84	55.7	204.3	5001
			10/08/84	51.8	208.2	
			01/29/85	56.5	203.5	
			03/01/85	55.1	204.9	
18S/22E-08A01	M	259.0	10/08/84	48.8	210.2	5001
			03/01/85	74.2	184.8	
18S/22E-08N01	M	260.0	10/08/84	73.5	186.5	5001
			03/01/85	68.9	191.1	
18S/22E-10C01	M	263.0	10/04/84	53.2	209.8	5001
			01/29/85	49.0	214.0	
18S/22E-16A01	M		10/04/84	NM-6		5001
18S/22E-16L01	M	258.0	10/08/84	76.3	181.7	5001
			03/01/85	80.2	177.8	
18S/22E-17Q01	M	255.0	10/08/84	87.1	167.9	5001
			03/01/85	75.8	179.2	
18S/22E-19H02	M	253.0	10/08/84	89.4	163.6	5001
			03/01/85	92.4	160.6	
18S/22E-20D01	M	255.0	10/04/84	75.5	179.5	5001
			01/29/85	72.0	183.0	
18S/22E-21C01	M	256.0	10/08/84	84.0	172.0	5001
			03/01/85	74.3	181.7	
18S/22E-22A01	M		10/04/84	NM-4		5001
			01/29/85	NM-4		
18S/22E-26F01	M	255.0	10/04/84	47.0	208.0	5001
			01/29/85	NM-7		
18S/22E-27M02	M	251.0	10/08/84	63.3	187.7	5001
			03/01/85	55.8	195.2	
18S/22E-28A01	M	253.0	10/04/84	74.5	178.5	5001
			10/08/84	67.8	185.2	
			01/29/85	67.5	185.5	
			03/01/85	NM-1		
18S/22E-32J01	M	245.0	10/01/84	78.2	166.8	5001
			01/30/85	66.2	178.8	
			09/20/85	75.2	169.8	
18S/22E-34R01	M	242.7	10/01/84	65.7	177.0	5001
			01/30/85	54.7	188.0	
			09/20/85	67.7	175.0	
18S/22E-35C01	M		10/04/84	NM-1		5001
		254.0	01/29/85	34.0	220.0	
19S/19E-25A01	M	208.0	10/29/84	4.5	203.5	5050
			02/20/85	2.9	205.1	5001
19S/19E-25H02	M	206.0	02/20/85	3.3	202.7	5050
19S/20E-05C01	M	215.0	10/29/84	71.0	144.0	5050
			02/20/85	72.0(9)	143.0	5001
19S/20E-06C01	M	213.0	10/29/84	75.0(9)	138.0	5050
			02/20/85	76.0(9)	137.0	5001
19S/20E-06L01	M	212.0	10/29/84	75.6(9)	136.4	5050
			02/20/85	73.6	138.4	5001
19S/20E-07F01	M	210.0	10/29/84	78.5(9)	131.5	5050
			02/20/85	76.5(9)	133.5	5001
19S/20E-09R01	M	220.0	10/29/84	77.5(9)	142.5	5050
			02/20/85	74.5(9)	145.5	5001
19S/20E-10D01	M	221.0	10/17/84	11.1	209.9	5001
			02/20/85	10.7	210.3	
19S/20E-12A01	M	229.0	10/17/84	8.2	220.8	5001
			02/20/85	9.0	220.0	
			09/30/85	13.8	215.2	
19S/20E-12R01	M	229.0	10/17/84	8.1(3)	220.9	5001
			02/20/85	NM-7		
			09/30/85	8.2	220.8	
19S/20E-19A01	M	210.0	10/29/84	73.0(9)	137.0	5050
			12/13/84	87.0	123.0	5646
			02/20/85	68.0(9)	142.0	5001
19S/20E-22C01	M	220.0	10/17/84	10.7	209.3	5001
			02/20/85	12.2	207.8	
19S/20E-24K01	M	222.0	10/17/84	6.6	215.4	5001
			02/20/85	6.3	215.7	
			09/30/85	NM-1		
19S/20E-25E01	M	220.0	10/17/84	55.1	164.9	5001
			02/20/85	41.7	178.3	
			09/30/85	58.9	161.1	
19S/20E-33AC1	M	212.0	02/20/85	29.0	183.0	5050
19S/20E-34C01	M	213.0	10/17/84	5.7	207.3	5001
			02/20/85	6.9	206.1	
19S/21E-02F01	M		10/15/84	NM-9		5001
		240.0	02/20/85	65.2	174.8	
			09/30/85	113.0	127.0	
19S/21E-02N01	M	239.0	10/15/84	16.9	222.1	5001
			02/20/85	13.9	225.1	
			09/30/85	16.7	222.3	
19S/21E-03B01	M	241.0	10/15/84	58.2	182.8	5001
			02/20/85	38.7	202.3	
19S/21E-03J01	M	241.0	10/15/84	76.0	165.0	5001
			02/20/85	64.7	176.3	
			09/30/85	111.9	129.1	
19S/21E-03M01	M	236.0	10/15/84	11.4	224.6	5001
			02/20/85	12.3	223.7	
			09/30/85	14.7	221.3	
19S/21E-04R01	M	235.0	10/15/84	8.6	226.4	5001
			02/20/85	9.4	225.6	
			09/30/85	11.2	223.8	
19S/21E-07R01	M	228.0	10/15/84	68.8	159.2	5001
			02/20/85	67.3	160.7	
			09/30/85	88.0	140.0	
19S/21E-09K01	M	233.0	10/15/84	14.6	218.4	5001
			02/20/85	11.1	221.9	
			09/30/85	13.2	219.8	
19S/21E-10D01	M	235.0	10/15/84	9.2	225.8	5001
			02/20/85	8.3	226.7	
			09/30/85	12.0	223.0	
19S/21E-10R01	M	240.0	10/15/84	10.4	229.6	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C	TULARE LAKE HB				
C-01	SOUTH VALLEY FLOOR HU				
C-01.J	HANFORD-LEMOORE HA				
19S/21E-10R01 M	240.0	02/20/85	12.2	227.8	5001
		09/30/85	14.3	225.7	
19S/21E-11B01 M	240.0	10/15/84	64.8	175.2	5001
		02/20/85	53.9	186.1	
		09/30/85	85.7	154.3	
19S/21E-11L02 M	237.0	10/15/84	76.3	160.7	5001
		02/20/85	61.7	175.3	
		09/30/85	NM-9		
19S/21E-11M01 M	238.0	10/15/84	46.9	191.1	5001
		02/20/85	35.1	202.9	
		09/30/85	61.2(2)	176.8	
19S/21E-13A01 M	239.6	10/02/84	78.6	161.0	5001
		01/30/85	51.6	188.0	
19S/21E-13C03 M	234.5	10/02/84	77.0	157.5	5001
		10/15/84	77.9	156.6	
		01/30/85	55.0	179.5	
		02/20/85	55.3	179.2	
19S/21E-15J02 M	235.0	10/15/84	77.4	157.6	5001
		02/20/85	52.4	182.6	
		09/30/85	108.7	126.3	
19S/21E-15R01 M	233.0	10/15/84	6.4	226.6	5001
		02/20/85	7.7	225.3	
		09/30/85	8.6	224.4	
19S/21E-17B02 M	231.0	10/15/84	79.8	151.2	5001
		02/20/85	67.5	163.5	
		09/30/85	130.4(2)	100.6	
19S/21E-17B03 M	230.0	10/15/84	87.9	142.1	5001
		02/20/85	63.0	167.0	
		09/30/85	NM-1		
19S/21E-20N01 M	225.0	10/15/84	8.2	216.8	5001
		02/20/85	7.2	217.8	
19S/21E-20R01 M	226.0	10/15/84	25.7	200.3	5001
		02/20/85	20.9	205.1	
19S/21E-21C01 M	229.0	10/15/84	35.9	193.1	5001
		02/20/85	30.0	199.0	
19S/21E-28B01 M	225.0	10/15/84	81.7	143.3	5001
		02/25/85	71.5	153.5	
19S/21E-29M01 M	210.5	10/15/84	78.3	132.2	5001
		02/25/85	54.2	156.3	
		09/30/85	115.4	95.1	
19S/21E-30A01 M	225.0	10/15/84	86.9	138.1	5001
		02/20/85	61.4	163.6	
19S/21E-31Q01 M	218.0	10/17/84	5.2	212.8	5001
		02/25/85	6.1	211.9	
19S/21E-32J01 M	221.0	10/15/84	10.4	210.6	5001
		02/25/85	8.5	212.5	
19S/21E-34D01 M	225.4	10/02/84	88.4	137.0	5001
		01/30/85	56.4	169.0	
19S/21E-35D01 M	225.0	10/17/84	24.5	200.5	5001
		02/20/85	16.7	208.3	
		09/30/85	24.2	200.8	
19S/22E-04B01 M	245.0	11/05/84	58.1	186.9	5001
		02/15/85	53.5	191.5	
		09/26/85	NM-1		
19S/22E-04J01 M	245.0	11/05/84	57.4	187.6	5001
		02/15/85	47.9	197.1	
		09/26/85	91.8	153.2	
19S/22E-04M01 M	243.0	11/05/84	57.1	185.9	5001
		02/15/85	51.5	191.5	
		09/26/85	78.7	164.3	
19S/22E-07A01 M	242.0	11/05/84	66.1	175.9	5001
		02/15/85	58.9	183.1	
		09/26/85	84.6	157.4	
19S/22E-09J01 M		10/02/84	NM-1		5001
	241.4	01/30/85	34.4	207.0	
		09/30/85	48.4	193.0	
19S/22E-10A01 M	245.0	11/05/84	32.4	212.6	5001
		02/15/85	32.0	213.0	
		09/26/85	47.0	198.0	
19S/22E-10R02 M	241.5	10/02/84	28.5	213.0	5001
		01/30/85	28.5	213.0	
20S/19E-11E01 M	215.0	10/29/84	88.0(9)	127.0	5050
		02/20/85	88.0(9)	127.0	5001
20S/19E-11N01 M	214.0	10/29/84	91.0(9)	123.0	5050
		02/20/85	89.0(9)	125.0	5001
20S/19E-14H01 M	205.0	12/17/84	153.0	52.0	5646
20S/19E-26C01 M	205.0	12/17/84	82.0	123.0	5646
20S/19E-26H01 M	205.0	02/20/85	80.0(9)	125.0	5050

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.J		HANFORD-LEMOORE HA				
20S/20E-01G01 M		215.0	10/17/84	7.4	207.6	5001
			02/25/85	7.9	207.1	
20S/20E-01G02 M		215.0	10/17/84	6.7	208.3	5001
			02/25/85	7.0	208.0	
20S/20E-02C01 M			10/29/84	NM-5		5001
			02/21/85	NM-5		
20S/20E-07H01 M			10/29/84	NM-5		5001
			02/21/85	NM-5		
20S/20E-12M01 M		208.0	10/29/84	5.5	202.5	5050
			02/21/85	3.8	204.2	5001
20S/20E-19D01 M			02/21/85	NM-7		5050
20S/20E-20L01 M		196.0	10/29/84	57.0	139.0	5050
			02/21/85	56.0(9)	140.0	5001
20S/20E-23A01 M		204.0	10/29/84	5.5	198.5	5050
			02/21/85	NM-1		5001
20S/20E-28E02 M			10/29/84	NM-9		5001
		194.0	02/21/85	68.0(9)	126.0	
20S/20E-28E03 M		193.0	10/29/84	58.0	135.0	5050
			02/21/85	64.5(9)	128.5	5001
20S/20E-29R01 M		194.0	10/29/84	61.0	133.0	5050
			02/21/85	69.0(9)	125.0	5001
20S/20E-30J01 M		195.0	10/29/84	65.0	130.0	5050
			02/21/85	NM-9		5001
20S/20E-34B01 M			10/29/84	NM-9		5050
			02/21/85	NM-9		5001
20S/21E-03A01 M		220.0	10/04/84	5.5	214.5	5001
			01/30/85	5.5	214.5	
20S/21E-05E01 M		219.0	10/17/84	73.7	145.3	5001
			02/25/85	71.9	147.1	
20S/21E-06K01 M		218.0	10/17/84	9.7	208.3	5001
			02/25/85	9.8	208.2	
20S/21E-08C01 M		215.0	10/29/84	65.0	150.0	5050
			02/21/85	58.0(9)	157.0	5001
20S/21E-08D01 M		215.0	10/29/84	69.0	146.0	5050
			02/21/85	63.0(9)	152.0	5001
20S/21E-09M01 M		214.0	10/15/84	11.2	202.8	5001
			02/25/85	11.6	202.4	
20S/21E-15M01 M		210.0	10/29/84	70.0	140.0	5050
			02/21/85	64.0(9)	146.0	5001
20S/21E-16D01 M		211.0	10/29/84	12.0	199.0	5050
			02/21/85	NM-1		5001
20S/21E-16M01 M		208.0	10/29/84	71.0	137.0	5050
			02/21/85	66.0(9)	142.0	5001
20S/21E-17D01 M		211.0	10/29/84	62.0	149.0	5050
			02/21/85	57.0(9)	154.0	5001
21S/21E-04K01 M			10/30/84	NM-9		5001
			02/21/85	NM-9		
21S/21E-06J01 M			10/30/84	NM-9		5001
			02/21/85	NM-7		
C-01.K		KAWEAH DELTA HA				
16S/26E-30Q01 M		406.0	10/05/84	10.5	395.5	5001
			02/04/85	9.0	397.0	
17S/24E-20A01 M		290.0	02/04/85	12.4	277.6	5001
			09/25/85	NM-1		
17S/24E-20L01 M		285.0	10/31/84	6.5	278.5	5001
			01/29/85	7.5	277.5	
			09/30/85	9.5	275.5	
17S/24E-27F01 M		294.0	10/01/84	8.2	285.8	5001
			01/29/85	7.2	286.8	
			09/30/85	8.2	285.8	
17S/24E-34BC1 M		297.0	10/01/84	11.5	285.5	5001
			01/29/85	11.5	285.5	
			09/30/85	13.5	283.5	
17S/24E-36H03 M		312.0	10/01/84	32.5	279.5	5001
			01/29/85	32.5	279.5	
			09/30/85	37.5	274.5	
17S/25E-10C01 M		335.0	02/04/85	24.5	310.5	5001
			09/25/85	27.0	308.0	
17S/25E-11H01 M		344.5	10/30/84	18.0	326.5	5001
			01/30/85	16.9	327.6	
17S/25E-12R01 M		354.0	10/05/84	3.5	350.5	5001
			02/04/85	3.5	350.5	
17S/25E-13H01 M		363.0	10/09/84	32.8	330.2	5001
			02/04/85	12.0	351.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.K		KAWEAH DELTA HA				
17S/25E-13P01	M	361.0	10/09/84	31.5	329.5	5001
			02/04/85	34.5	326.5	
17S/25E-15H01	M		02/20/85	NM-7		5050
17S/25E-15P01	M		10/09/84	NM-1		5001
		340.0	02/04/85	79.5	260.5	
17S/25E-25A01	M	365.0	10/01/84	46.0	319.0	5001
			02/01/85	43.4	321.6	
17S/25E-26C01	M	351.0	10/01/84	69.8	281.2	5001
			02/01/85	66.7	284.3	
17S/25E-26R01	M	356.0	10/01/84	66.3	289.7	5001
			02/01/85	62.1	293.9	
17S/25E-27R01	M	350.0	10/01/84	73.8	276.2	5001
			02/01/85	68.3	281.7	
17S/25E-29D01	M	321.0	02/04/85	58.0	263.0	5001
			09/25/85	NM-1		
17S/25E-29E01	M	318.0	10/01/84	68.0	250.0	5001
			01/29/85	53.0	265.0	
			09/30/85	NM-1		
17S/25E-29P01	M	325.0	10/09/84	78.4	246.6	5001
			02/04/85	79.0	246.0	
17S/25E-33J01	M	339.0	10/09/84	72.9	266.1	5001
			02/04/85	60.0	279.0	
17S/25E-35D01	M	355.0	10/01/84	71.8	283.2	5001
			02/01/85	66.8	288.2	
17S/25E-35E01	M	350.5	10/01/84	68.2	282.3	5001
			02/01/85	61.1	289.4	
17S/25E-35M01	M	349.0	10/01/84	66.5	282.5	5001
			02/01/85	58.1	290.9	
17S/25E-36A01	M	368.0	10/01/84	60.0	308.0	5001
			02/01/85	56.2	311.8	
17S/25E-36G01	M	365.0	10/01/84	63.0	302.0	5001
			02/01/85	54.4	310.6	
17S/25E-36M02	M	360.0	10/01/84	62.2	297.8	5001
			02/01/85	54.6	305.4	
17S/26E-02H03	M		10/09/84	NM-1		5001
		500.0	02/04/85	13.9	486.1	
17S/26E-04F02	M	402.9	10/05/84	11.0	391.9	5001
			02/04/85	10.0	392.9	
17S/26E-04N01	M	408.0	10/09/84	24.5	383.5	5001
			02/04/85	24.0	384.0	
17S/26E-07C01	M	360.0	10/09/84	28.5	331.5	5001
			02/04/85	27.5	332.5	
17S/26E-08N01	M	364.0	10/09/84	11.0	353.0	5001
			02/04/85	10.0	354.0	
17S/26E-14B01	M		10/09/84	NM-1		5001
		486.0	02/04/85	25.9	460.1	
17S/26E-14L02	M	474.0	10/05/84	37.5	436.5	5001
			02/04/85	33.0	441.0	
17S/26E-16P01	M	415.0	10/09/84	13.5	401.5	5001
			02/04/85	14.1	400.9	
17S/26E-17P02	M	385.0	10/09/84	4.0	381.0	5001
			02/04/85	NM-9		
17S/26E-18H02	M	369.0	10/09/84	7.9	361.1	5001
			02/04/85	8.0	361.0	
17S/26E-18001	M		10/09/84	NM-6		5001
17S/26E-20P01	M	385.0	10/01/84	19.5	365.5	5001
			02/01/85	19.4	365.6	
17S/26E-20001	M	390.0	10/01/84	19.9	370.1	5001
			02/01/85	16.3	373.7	
17S/26E-20R01	M	397.0	10/01/84	20.4	376.6	5001
			02/01/85	21.0	376.0	
17S/26E-21E01	M	394.0	10/01/84	8.5	385.5	5001
			02/01/85	10.6	383.4	
17S/26E-24A01	M	470.0	10/05/84	12.2	457.8	5001
			02/04/85	11.7	458.3	
17S/26E-25001	M	445.0	10/05/84	30.5	414.5	5001
			02/04/85	30.0	415.0	
17S/26E-27G01	M	427.0	10/01/84	30.5	396.5	5001
			02/01/85	NM-6		
17S/26E-28K01	M	412.0	10/01/84	31.5	380.5	5001
			02/01/85	31.1	380.9	
17S/26E-28N01	M	401.0	10/01/84	31.7	369.3	5001
			02/01/85	29.9	371.1	
17S/26E-29H01	M	400.0	10/01/84	21.5	378.5	5001
			02/01/85	21.5	378.5	
17S/26E-29P01	M	386.0	10/01/84	46.8	339.2	5001
			02/01/85	43.7	342.3	
17S/26E-29R01	M	397.0	10/01/84	23.7	373.3	5001
			02/01/85	23.6	373.4	
17S/26E-30A01	M	383.0	10/01/84	29.2	353.8	5001
			02/01/85	28.0	355.0	
17S/26E-31L02	M	375.0	10/01/84	62.5	312.5	5001
			02/01/85	53.3	321.7	
17S/26E-31Q01	M	376.0	10/01/84	57.0	319.0	5001
			02/01/85	50.8	325.2	
17S/26E-32H01	M	395.0	10/01/84	46.4	348.6	5001
			02/01/85	43.7	351.3	
17S/26E-32N01	M	385.0	10/01/84	48.9	336.1	5001
			02/01/85	45.9	339.1	
17S/26E-34D01	M	416.0	10/01/84	44.7	371.3	5001
			02/01/85	45.7	370.3	
17S/26E-35D01	M	435.0	10/05/84	62.9	372.1	5001
			02/04/85	60.8	374.2	
17S/26E-36M01	M		10/05/84	NM-1		5001
			02/04/85	NM-9		
17S/26E-36R01	M	425.0	10/01/84	24.5	400.5	5001
			02/01/85	11.5	413.5	
17S/27E-17P01	M	525.0	10/05/84	7.0	518.0	5001
			02/04/85	6.5	518.5	
17S/27E-18P01	M		10/05/84	NM-1		5001
		480.0	02/04/85	10.0	470.0	
17S/27E-19D01	M	470.0	10/05/84	12.0	458.0	5001
			02/04/85	12.0	458.0	
17S/27E-27J01	M	539.0	10/05/84	23.0	516.0	5001
			02/04/85	23.5	515.5	
17S/27E-34P01	M	470.0	10/05/84	13.9	456.1	5001
			02/04/85	13.8	456.2	
18S/22E-24D01	M	258.0	10/08/84	48.5	209.5	5001
			01/25/85	36.5	221.5	
18S/22E-24E01	M	255.5	10/04/84	39.5	216.0	5001
			01/29/85	38.0	217.5	
18S/22E-25001	M		02/20/85	NM-7		5050
18S/22E-36P01	M	245.0	10/01/84	71.5	173.5	5001
			01/30/85	47.5	197.5	
			09/20/85	80.5	164.5	
18S/22E-36P02	M	245.0	10/01/84	71.5	173.5	5001
			10/08/84	69.4	175.6	
			01/25/85	48.1	196.9	
			01/30/85	45.5	199.5	
			09/20/85	83.5	161.5	
			09/27/85	82.7	162.3	
18S/23E-02001	M	276.0	10/01/84	48.5	227.5	5001
			01/30/85	34.5	241.5	
			09/20/85	51.5	224.5	
18S/23E-12B01	M	280.0	10/01/84	49.5	230.5	5001
			01/30/85	34.5	245.5	
			09/20/85	51.5	228.5	
18S/23E-14A01	M	278.0	10/01/84	62.0	216.0	5001
			01/29/85	48.0	230.0	
			09/20/85	78.0	200.0	
18S/23E-15A01	M	271.6	01/25/85	49.0	222.6	5001
			09/27/85	74.3	197.3	
18S/23E-16R01	M	263.0	01/25/85	65.0	198.0	5001
			09/27/85	75.0	188.0	
18S/23E-21J01	M	264.0	01/25/85	70.7	193.3	5001
			09/27/85	98.2	165.8	
18S/23E-21Q01	M	263.0	10/01/84	83.5	179.5	5001
			01/29/85	69.5	193.5	
			09/20/85	84.5	178.5	
18S/23E-24K01	M	282.7	10/01/84	74.7	208.0	5001
			01/29/85	56.7(4)	226.0	
			09/20/85	44.7	238.0	
18S/23E-26F01	M	274.0	10/01/84	85.4	188.6	5001
			01/29/85	62.4	211.6	
			09/20/85	83.4	190.6	
18S/23E-26L01	M	273.0	01/25/85	91.8	181.2	5001
			09/27/85	90.8	182.2	
18S/23E-27P01	M	268.0	01/25/85	75.6	192.4	5001
			09/27/85	86.0	182.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.K		KAWEAH DELTA HA				
18S/23E-28B01	M	263.0	01/25/85	74.9	188.1	5001
			09/27/85	84.9	178.1	
18S/23E-28R01	M	265.0	01/25/85	83.4	181.6	5001
			09/27/85	105.7	159.3	
18S/23E-32B01	M	258.5	01/25/85	56.3	202.2	5001
			09/27/85	106.0	152.5	
18S/23E-32P02	M	255.0	10/04/84	75.5	179.5	5001
			01/29/85	60.6	194.4	
18S/23E-33C01	M	264.0	01/25/85	75.0	189.0	5001
			09/27/85	104.2	159.8	
18S/23E-33J01	M	265.0	10/01/84	85.5	179.5	5001
			01/29/85	82.5	182.5	
			09/20/85	96.5	168.5	
18S/23E-34A01	M	271.0	01/25/85	84.3	186.7	5001
			09/27/85	92.3	178.7	
18S/23E-34A02	M	271.0	10/01/84	89.0	182.0	5001
			01/29/85	74.0	197.0	
			09/20/85	89.0	182.0	
18S/24E-02H01	M	311.0	10/01/84	23.0	288.0	5001
			01/29/85	22.0	289.0	
			09/20/85	28.0	283.0	
18S/24E-04J01	M	301.0	10/01/84	27.5	273.5	5001
			01/29/85	22.5	278.5	
			09/20/85	33.5	267.5	
18S/24E-06H01	M	288.0	10/01/84	28.0	260.0	5001
			01/29/85	23.0	265.0	
			09/20/85	NM-1		
18S/24E-07H01	M	289.0	10/01/84	42.5	246.5	5001
			01/29/85	30.5	258.5	
			09/30/85	45.5	243.5	
18S/24E-10J01	M	309.5	10/01/84	31.5	278.0	5001
			01/29/85	28.5	281.0	
			09/30/85	34.5	275.0	
18S/24E-13H02	M	320.0	10/01/84	22.0	298.0	5001
			01/29/85	18.0	302.0	
18S/24E-15R03	M	310.0	10/01/84	41.0	269.0	5001
			01/29/85	37.0	273.0	
			09/30/85	44.0	266.0	
18S/24E-17L01	M	293.0	10/01/84	35.0	258.0	5001
			01/29/85	38.0	255.0	
			09/30/85	NM-1		
18S/24E-31C01	M	285.0	10/01/84	97.5	187.5	5001
			01/29/85	95.5	189.5	
			09/30/85	75.5	209.5	
18S/25E-01C01	M	364.0	10/01/84	60.2	303.8	5001
			02/01/85	51.7	312.3	
18S/25E-01J02	M	367.0	10/01/84	63.0	304.0	5001
			02/01/85	54.2	312.8	
18S/25E-02D01	M	355.0	10/01/84	69.8	285.2	5001
			02/01/85	58.7	296.3	
18S/25E-02G01	M	355.0	10/01/84	61.2	293.8	5001
			02/01/85	50.4	304.6	
18S/25E-04H01	M	340.0	10/01/84	58.0	282.0	5001
			01/29/85	46.0	294.0	
			09/30/85	58.0	282.0	
18S/25E-05E02	M	325.0	10/01/84	42.0	283.0	5001
			01/29/85	34.0	291.0	
			09/30/85	44.0	281.0	
18S/25E-05Q01	M	330.5	10/01/84	46.0	284.5	5001
			01/29/85	39.0	291.5	
			09/30/85	43.0	287.5	
18S/25E-12Q01	M		10/01/84	NM-4		5001
			02/04/85	NM-4		
			09/27/85	NM-4		
18S/25E-15A02	M	349.0	10/01/84	37.0	312.0	5001
			01/29/85	36.0	313.0	
			09/27/85	35.0	314.0	
18S/25E-15C01	M	346.0	10/01/84	34.0	312.0	5001
			01/29/85	32.0	314.0	
			09/27/85	33.0	313.0	
18S/25E-16B01	M	341.0	10/01/84	31.0	310.0	5001
			01/29/85	28.0	313.0	
			09/27/85	38.0	303.0	
18S/25E-18A01	M	327.0	10/01/84	24.0	303.0	5001
			01/29/85	19.0	308.0	
			09/27/85	26.0	301.0	
18S/25E-19H01	M	328.0	10/01/84	32.0	296.0	5001
			01/29/85	28.0	300.0	
18S/25E-20J01	M	337.0	10/01/84	64.0	273.0	5001
18S/25E-20J01	M	337.0	01/29/85	28.0	309.0	5001
			09/27/85	35.0	302.0	
18S/25E-22P01	M	347.0	10/01/84	23.5	323.5	5001
			01/29/85	17.5	329.5	
18S/25E-23J01	M	358.0	10/01/84	19.0	339.0	5001
			01/29/85	17.0	341.0	
18S/25E-27Q01	M	348.5	10/05/84	17.5	331.0	5001
			01/29/85	17.5	331.0	
18S/25E-33F01	M	338.0	10/05/84	36.0	302.0	5001
			01/29/85	36.0	302.0	
18S/25E-33R01	M	341.0	10/05/84	35.5	305.5	5001
			01/29/85	28.5	312.5	
18S/25E-34L01	M	345.0	10/05/84	22.5	322.5	5001
			01/29/85	23.5	321.5	
18S/26E-01Q03	M	421.0	10/05/84	10.0	411.0	5001
			02/04/85	9.0	412.0	
18S/26E-03A01	M	419.0	10/01/84	48.2	370.8	5001
			02/01/85	35.9	383.1	
18S/26E-03C01	M	417.0	10/01/84	45.5	371.5	5001
			02/01/85	40.0	377.0	
18S/26E-03H01	M	412.0	10/01/84	37.5	374.5	5001
			02/01/85	30.8	381.2	
18S/26E-04A01	M	407.0	10/01/84	44.1	362.9	5001
			02/01/85	41.3	365.7	
18S/26E-05L01	M	384.0	10/01/84	54.5	329.5	5001
			02/01/85	50.1	333.9	
18S/26E-06A01	M	380.0	10/01/84	60.0	320.0	5001
			02/01/85	54.8	325.2	
18S/26E-06D01	M	371.0	10/01/84	61.1	309.9	5001
			02/01/85	51.6	319.4	
18S/26E-06J01	M	380.0	10/01/84	56.9	323.1	5001
			02/01/85	51.8	328.2	
18S/26E-06L01	M	369.0	10/01/84	53.8	315.2	5001
			02/01/85	46.4	322.6	
18S/26E-07C01	M	369.0	10/01/84	49.5	319.5	5001
			02/01/85	44.3	324.7	
18S/26E-07D01	M	365.0	10/01/84	48.0	317.0	5001
			02/01/85	41.8	323.2	
18S/26E-07G01	M	372.0	10/01/84	49.0	323.0	5001
			02/01/85	44.5	327.5	
18S/26E-07L01	M		10/05/84	NM-1		5001
		370.0	02/04/85	37.5	332.5	
			09/27/85	NM-1		
18S/26E-09H01	M	400.0	10/05/84	17.5	382.5	5001
			02/04/85	15.5	384.5	
			09/27/85	21.5	378.5	
18S/26E-10J01	M	406.0	10/05/84	14.0	392.0	5001
			02/04/85	13.0	393.0	
			09/27/85	16.0	390.0	
18S/26E-11H01	M	412.5	10/05/84	16.5	396.0	5001
			02/04/85	11.5	401.0	
18S/26E-14D02	M	401.0	10/05/84	4.0	397.0	5001
			02/01/85	8.0	393.0	
18S/26E-16K01	M	388.5	10/05/84	17.0	371.5	5001
			02/01/85	14.0	374.5	
18S/26E-17L01	M		10/05/84	NM-1		5001
		382.0	02/01/85	27.0	355.0	
			09/27/85	NM-1		
18S/26E-19B02	M	373.0	10/05/84	20.5	352.5	5001
			02/01/85	17.5	355.5	
18S/26E-23C01	M	405.0	10/09/84	19.0	386.0	5001
			01/28/85	13.4	391.6	
18S/26E-24B01	M	410.0	10/08/84	22.8	387.2	5001
			01/28/85	15.5	394.5	
18S/26E-24J02	M	430.0	10/05/84	34.0	396.0	5001
			02/01/85	NM-1		
18S/26E-24J03	M		10/05/84	NM-1		5001
			02/01/85	NM-1		
18S/26E-25D01	M	425.0	10/02/84	41.2	383.8	5001
			01/28/85	33.5	391.5	
18S/26E-25E01	M	427.0	10/03/84	41.4	385.6	5001
			01/28/85	34.4	392.6	
18S/26E-25K04	M	436.0	10/03/84	43.1	392.9	5001
			01/28/85	36.0	400.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.K		KAWEAH DELTA HA				
18S/26E-25L01	M	429.0	10/03/84	42.8	386.2	5001
			01/28/85	38.6	390.4	
18S/26E-26D01	M	403.0	10/02/84	39.0	364.0	5001
			01/28/85	30.4	372.6	
18S/26E-26Q02	M	414.0	10/03/84	41.9	372.1	5001
			01/28/85	35.3	378.7	
18S/26E-27E01	M	389.0	10/05/84	19.0	370.0	5001
			02/01/85	17.0	372.0	
18S/26E-27H01	M	404.3	10/03/84	32.6	371.7	5001
			01/28/85	26.8	377.5	
18S/26E-29Q01	M	375.5	10/05/84	15.5	360.0	5001
			02/01/85	15.5	360.0	
18S/26E-30N01	M	367.0	10/05/84	18.5	348.5	5001
			02/01/85	18.5	348.5	
18S/26E-32A01	M	374.0	10/05/84	13.0	361.0	5001
			02/01/85	19.0	355.0	
18S/26E-32R01	M	369.0	10/03/84	17.0	352.0	5001
			01/28/85	14.4	354.6	
18S/26E-33F01	M	377.0	10/08/84	17.8	359.2	5001
			01/28/85	15.6	361.4	
18S/26E-34P02	M	391.0	10/03/84	36.4	354.6	5001
			01/28/85	34.5	356.5	
18S/26E-35M01	M	404.0	10/03/84	43.6	360.4	5001
			01/28/85	40.4	363.6	
18S/26E-35R01	M	417.0	10/09/84	47.5	369.5	5001
			01/28/85	43.6	373.4	
18S/27E-05J01	M	445.0	10/05/84	12.5	432.5	5001
			02/01/85	14.5	430.5	
			09/27/85	12.5	432.5	
18S/27E-07B01	M	431.0	10/05/84	14.0	417.0	5001
			02/01/85	17.0	414.0	
			09/27/85	11.0	420.0	
18S/27E-07R02	M	426.0	10/04/84	10.0	416.0	5001
			02/01/85	13.0	413.0	
			09/27/85	13.0	413.0	
18S/27E-09C01	M	456.0	01/18/85	19.0	437.0	5001
			09/24/85	NM-1		
18S/27E-09Q01	M	492.5	01/18/85	28.0	464.5	5001
			09/24/85	1.0	491.5	
18S/27E-10F01	M	484.0	01/18/85	4.5	479.5	5001
			09/24/85	8.5	475.5	
18S/27E-11G01	M	553.0	01/18/85	17.5	535.5	5001
			09/24/85	42.5	510.5	
18S/27E-11K01	M	565.0	01/18/85	7.5	557.5	5001
			09/24/85	22.5	542.5	
18S/27E-17C01	M	434.0	01/18/85	12.5	421.5	5001
			09/24/85	38.5	395.5	
18S/27E-17H02	M	454.0	10/02/84	39.7	414.3	5001
			01/28/85	21.6	432.4	
18S/27E-19A01	M	439.0	10/02/84	34.3	404.7	5001
			01/28/85	25.0	414.0	
18S/27E-19D01	M	426.0	10/02/84	34.8	391.2	5001
			01/28/85	21.7	404.3	
18S/27E-19G01	M	439.0	10/02/84	31.7	407.3	5001
			01/28/85	24.8	414.2	
18S/27E-19H01	M	447.0	10/02/84	36.7	410.3	5001
			01/28/85	27.6	419.4	
18S/27E-19N01	M	438.0	10/02/84	28.3	409.7	5001
			01/28/85	25.3	412.7	
18S/27E-20N02	M	447.0	10/02/84	25.3	421.7	5001
			01/28/85	21.9	425.1	
18S/27E-21D01	M	462.5	10/02/84	20.6	441.9	5001
			01/28/85	20.2	442.3	
18S/27E-28L01	M	518.0	01/18/85	20.5	497.5	5001
			09/24/85	45.5	472.5	
18S/27E-29E01	M	456.5	10/02/84	20.7	435.8	5001
			01/28/85	19.9	436.6	
18S/27E-30E01	M	446.0	10/03/84	18.5	427.5	5001
			01/28/85	19.7	426.3	
18S/27E-30G01	M	446.0	10/02/84	28.0	418.0	5001
			01/28/85	23.3	422.7	
18S/27E-30H01	M	455.0	10/08/84	21.0	434.0	5001
			01/28/85	18.5	436.5	
19S/21E-23A02	M	230.0	10/02/84	35.0	195.0	5001
19S/21E-23A02	M	230.0	01/30/85	26.0	204.0	5001
19S/21E-23J01	M	230.0	10/17/84	83.4	146.6	5001
			02/20/85	60.6	169.4	
			09/30/85	119.1	110.9	
19S/21E-24H01	M	230.0	10/17/84	70.7	159.3	5001
			02/20/85	49.7	180.3	
			09/30/85	99.5	130.5	
19S/21E-24L01	M	228.0	10/17/84	36.0	192.0	5001
			02/20/85	33.5	194.5	
			09/30/85	36.9	191.1	
19S/21E-25J01	M		10/17/84	NM-1		5001
		226.0	02/20/85	47.1	178.9	
			09/30/85	90.8	135.2	
19S/21E-25P01	M	221.6	10/02/84	78.6	143.0	5001
			01/30/85	47.6	174.0	
19S/21E-26B01	M	225.0	10/17/84	62.5	162.5	5001
			02/20/85	42.3	182.7	
			09/30/85	83.0	142.0	
19S/21E-36M01	M	220.0	10/17/84	23.3	196.7	5001
			02/20/85	19.9	200.1	
			09/26/85	26.3	193.7	
19S/22E-01N02	M	245.0	10/02/84	33.5	211.5	5001
			01/30/85	30.5	214.5	
			09/30/85	40.5	204.5	
19S/22E-02K01	M	244.8	10/02/84	29.8	215.0	5001
			01/30/85	30.8	214.0	
			09/30/85	40.8	204.0	
19S/22E-14M01	M	242.0	11/05/84	54.3	187.7	5001
			02/15/85	46.3	195.7	
			09/26/85	NM-1		
19S/22E-15M01	M	240.0	11/05/84	39.2	200.8	5001
			02/15/85	43.0	197.0	
			09/26/85	62.7	177.3	
19S/22E-16A02	M	237.0	10/02/84	28.0	209.0	5001
			01/30/85	30.0	207.0	
19S/22E-17E01	M	236.6	10/02/84	58.6	178.0	5001
			01/30/85	37.6	199.0	
19S/22E-17L01	M	234.4	10/02/84	49.4	185.0	5001
			01/30/85	42.4	192.0	
19S/22E-19M01	M	231.0	10/17/84	65.4	165.6	5001
			02/15/85	46.1	184.9	
			09/30/85	81.5	149.5	
19S/22E-21C01	M	235.0	10/02/84	56.0	179.0	5001
			01/30/85	42.0	193.0	
19S/22E-22A01	M	237.0	10/02/84	33.0	204.0	5001
			01/30/85	31.0	206.0	
19S/22E-23A01	M	240.0	10/02/84	40.5	199.5	5001
			01/30/85	37.5	202.5	
19S/22E-24B01	M	241.8	10/02/84	50.8	191.0	5001
			01/30/85	54.8	187.0	
19S/22E-27C01	M	233.5	11/05/84	36.5	197.0	5001
			02/15/85	36.4	197.1	
			09/26/85	42.6	190.9	
19S/22E-28D01	M	230.0	10/02/84	61.0	169.0	5001
			01/30/85	41.0	189.0	
19S/22E-30D01	M	228.0	10/02/84	49.5	178.5	5001
			01/30/85	35.5	192.5	
19S/22E-31B02	M	224.0	10/02/84	57.0	167.0	5001
			01/30/85	37.0	187.0	
19S/22E-32D01	M	226.0	11/05/84	44.5	181.5	5001
			02/15/85	48.4	177.6	
			09/26/85	71.8	154.2	
19S/22E-33D02	M	227.0	10/02/84	45.0	182.0	5001
			01/30/85	37.0	190.0	
19S/22E-34L01	M	232.0	10/02/84	47.5	184.5	5001
			01/30/85	38.5	193.5	
19S/22E-36E01	M	234.3	11/05/84	13.1	221.2	5001
			02/15/85	3.1	231.2	
			09/26/85	11.0	223.3	
19S/23E-02F01	M	273.0	10/02/84	75.5	197.5	5001
			01/30/85	63.5	209.5	
			09/30/85	75.5	197.5	
19S/23E-06H01	M	252.0	10/02/84	68.0	184.0	5001
			01/30/85	63.0	189.0	
			09/30/85	68.0	184.0	
19S/23E-07A02	M	251.0	10/02/84	74.5	176.5	5001
			01/30/85	60.5	190.5	
			09/30/85	76.5	174.5	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.K		KAWEAH DELTA HA				
19S/23E-08J01	M	256.0	11/05/84	70.7	185.3	5001
			02/15/85	65.3	190.7	
			09/27/85	76.5	179.5	
19S/23E-10C01	M	265.0	11/05/84	69.8	195.2	5001
			02/15/85	58.6	206.4	
			09/27/85	74.2	190.8	
19S/23E-10D01	M	265.0	11/05/84	67.7	197.3	5001
			02/15/85	63.6	201.4	
			09/27/85	76.0	189.0	
19S/23E-10Q01	M	265.4	10/02/84	63.4	202.0	5001
			01/30/85	59.4	206.0	
19S/23E-11C01	M	268.0	10/02/84	70.5	197.5	5001
			11/05/84	73.3	194.7	
			01/30/85	58.5	209.5	
			02/15/85	68.9	199.1	
			09/27/85	16.5	251.5	
			09/30/85	75.5	192.5	
19S/23E-12L01	M	272.4	10/02/84	57.4	215.0	5001
			01/30/85	58.4	214.0	
			09/30/85	61.4	211.0	
19S/23E-13A03	M	277.0	10/17/84	53.0	224.0	5001
			02/06/85	52.0	225.0	
			09/30/85	55.5	221.5	
19S/23E-19H01	M	248.0	10/17/84	46.0	202.0	5001
			02/06/85	43.5	204.5	
			09/30/85	53.5	194.5	
19S/23E-20C01	M	251.5	10/17/84	53.5	198.0	5001
			11/05/84	65.3	186.2	
			02/06/85	49.0	202.5	
			02/15/85	51.0	200.5	
			09/27/85	57.8	193.7	
			09/30/85	59.0	192.5	
19S/23E-21C01	M	255.0	10/02/84	46.4	208.6	5001
			01/30/85	53.4	201.6	
19S/23E-21P01	M	255.0	10/17/84	38.5	216.5	5001
			02/06/85	38.0	217.0	
			09/30/85	50.0	205.0	
19S/23E-22H01	M	262.6	10/02/84	43.6	219.0	5001
			01/30/85	37.6	225.0	
19S/23E-24L01	M	271.0	10/17/84	42.5	228.5	5001
			02/06/85	41.0	230.0	
			09/30/85	53.5	217.5	
19S/23E-25C01	M	270.5	10/17/84	41.5	229.0	5001
			02/06/85	42.0	228.5	
			09/30/85	49.5	221.0	
19S/23E-25L02	M	267.5	10/17/84	44.5	223.0	5001
			02/06/85	44.5	223.0	
			09/30/85	59.5	208.0	
19S/23E-26B01	M	265.0	10/17/84	26.0	239.0	5001
			02/06/85	31.5	233.5	
			09/30/85	42.0	223.0	
19S/23E-27A01	M	262.0	10/17/84	31.5	230.5	5001
			02/06/85	32.0	230.0	
			09/30/85	45.5	216.5	
19S/23E-27P01	M	258.0	10/17/84	21.5	236.5	5001
			02/06/85	21.5	236.5	
19S/23E-30H02	M	246.0	10/17/84	40.0	206.0	5001
			02/06/85	38.5	207.5	
			09/30/85	54.5	191.5	
19S/23E-31R01	M	243.0	10/17/84	38.5	204.5	5001
			02/06/85	36.5	206.5	
			09/30/85	53.5	189.5	
19S/23E-32H01	M	251.0	10/17/84	40.0	211.0	5001
			02/06/85	38.0	213.0	
			09/30/85	52.0	199.0	
19S/23E-34L01	M	255.0	10/17/84	25.0	230.0	5001
			02/06/85	27.5	227.5	
			09/30/85	41.5	213.5	
19S/23E-35H01	M	263.5	10/17/84	33.5	230.0	5001
			02/06/85	33.5	230.0	
			09/30/85	45.0	218.5	
19S/24E-03A01	M	303.6	10/02/84	53.5	250.1	5001
			01/30/85	50.5	253.1	
19S/24E-04D01	M	292.0	10/05/84	53.0	239.0	5001
			01/30/85	51.0	241.0	
19S/24E-06N01	M	277.6	10/02/84	55.6	222.0	5001
			01/30/85	51.6	226.0	
			09/30/85	NM-1		
19S/24E-10G01	M	301.5	10/16/84	52.0	249.5	5001
			02/06/85	42.0	259.5	
			09/30/85	52.0	249.5	
19S/24E-14A01	M	313.0	10/16/84	46.5	266.5	5001
19S/24E-14A01	M	313.0	02/06/85	45.0	268.0	5001
			09/30/85	56.0	257.0	
19S/24E-14B01	M	307.6	10/02/84	47.6	260.0	5001
			01/30/85	44.6	263.0	
19S/24E-16P01	M	290.0	10/16/84	60.0	230.0	5001
			02/06/85	57.0	233.0	
			09/30/85	69.0	221.0	
19S/24E-17A01	M	291.0	10/16/84	62.0	229.0	5001
			02/06/85	61.0	230.0	
			09/30/85	68.0	223.0	
19S/24E-17N01	M	283.0	10/16/84	65.0	218.0	5001
			02/06/85	64.0	219.0	
			09/30/85	65.5	217.5	
19S/24E-18J01	M	283.6	10/02/84	71.6	212.0	5001
			01/30/85	63.6	220.0	
19S/24E-18R01	M	281.0	10/16/84	63.5	217.5	5001
			02/06/85	56.0	225.0	
			09/30/85	77.0	204.0	
19S/24E-19L01	M	276.5	10/17/84	53.5	223.0	5001
			02/06/85	48.0	228.5	
			09/30/85	66.0	210.5	
19S/24E-20J01	M	286.0	10/16/84	61.9	224.1	5001
			02/06/85	55.0	231.0	
			09/30/85	72.0	214.0	
19S/24E-22C01	M		10/02/84	NM-1		5001
		296.6	02/04/85	50.6	246.0	
19S/24E-22C02	M	297.5	10/17/84	45.0	252.5	5001
			02/06/85	46.0	251.5	
			09/30/85	54.0	243.5	
19S/24E-22P01	M	295.0	10/16/84	52.5	242.5	5001
			02/06/85	50.5	244.5	
			09/30/85	61.0	234.0	
19S/24E-23D01	M	305.0	10/17/84	44.0	261.0	5001
			02/06/85	46.5	258.5	
19S/24E-24A03	M	310.0	10/16/84	40.5	269.5	5001
			02/06/85	37.5	272.5	
			09/30/85	47.5	262.5	
19S/24E-25D01	M	300.5	10/16/84	44.5	256.0	5001
			02/06/85	42.0	258.5	
			09/30/85	50.0	250.5	
19S/24E-27H01	M	295.5	10/17/84	50.5	245.0	5001
			02/07/85	50.0	245.5	
			09/30/85	54.5	241.0	
19S/24E-27Q01	M	290.0	10/16/84	60.0	230.0	5001
			02/06/85	54.0	236.0	
19S/24E-28H01	M	291.0	10/16/84	56.0	235.0	5001
			02/06/85	53.0	238.0	
19S/24E-29D01	M		10/16/84	NM-1		5001
		280.0	02/07/85	54.0	226.0	
19S/24E-29R01	M	282.5	10/16/84	53.5	229.0	5001
			02/07/85	74.5	208.0	
19S/24E-30J01	M	276.5	10/16/84	60.5	216.0	5001
			02/07/85	53.5	223.0	
19S/24E-31E01	M	267.0	10/17/84	49.0	218.0	5001
			02/07/85	46.5	220.5	
19S/24E-31K01	M	271.7	10/05/84	71.7	200.0	5001
			02/04/85	52.7	219.0	
19S/24E-33A02	M	287.0	10/16/84	60.5	226.5	5001
			02/06/85	56.0	231.0	
19S/24E-33H01	M	285.0	10/16/84	54.0	231.0	5001
			02/06/85	55.5	229.5	
19S/24E-35R01	M	295.0	10/17/84	56.0	239.0	5001
			02/07/85	51.0	244.0	
19S/24E-36C01	M	302.0	10/16/84	51.0	251.0	5001
			02/07/85	46.0	256.0	
19S/24E-36R01	M	305.5	10/16/84	49.5	256.0	5001
			02/07/85	45.5	260.0	
19S/25E-01P01	M	353.0	10/04/84	16.5	336.5	5001
			02/04/85	16.5	336.5	
19S/25E-02A01	M	353.0	10/04/84	14.0	339.0	5001
			02/04/85	13.0	340.0	
19S/25E-07K01	M	320.0	10/04/84	58.0	262.0	5001
			02/04/85	55.0	265.0	
19S/25E-07K03	M	320.0	10/04/84	48.0	272.0	5001
			02/04/85	34.0	286.0	
19S/25E-09H01	M	336.0	10/04/84	24.0	312.0	5001
			02/04/85	23.0	313.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.K		KAWEAH DELTA HA				
19S/25E-10R01	M	340.0	10/04/84	20.5	319.5	5001
			02/04/85	18.5	321.5	
19S/25E-13A02	M	348.0	10/04/84	12.0	336.0	5001
			02/04/85	13.0	335.0	
19S/25E-16A02	M	333.0	10/04/84	21.0	312.0	5001
			02/04/85	23.0	310.0	
19S/25E-19B01	M	315.4	10/16/84	29.5	285.9	5001
			02/07/85	33.5	281.9	
19S/25E-20P01	M	319.0	10/16/84	26.0	293.0	5001
			02/07/85	27.5	291.5	
19S/25E-23D02	M	336.0	10/04/84	17.0	319.0	5001
			02/04/85	18.0	318.0	
19S/25E-24M01	M	337.0	10/04/84	15.5	321.5	5001
			02/04/85	13.5	323.5	
19S/25E-27A01	M		10/04/84	NM-1		5001
		330.0	02/04/85	17.0	313.0	
19S/25E-28H01	M	320.0	10/04/84	20.0	300.0	5001
			02/01/85	19.0	301.0	
19S/25E-29B01	M	320.5	10/16/84	33.5	287.0	5001
			02/07/85	23.5	297.0	
19S/25E-30C01	M	311.0	10/16/84	34.5	276.5	5001
			02/07/85	33.0	278.0	
19S/25E-31A01	M	311.5	10/16/84	36.5	275.0	5001
			02/07/85	38.5	273.0	
19S/25E-34A02	M	325.0	10/04/84	18.0	307.0	5001
			02/01/85	18.0	307.0	
19S/25E-35B02	M	324.5	10/04/84	17.5	307.0	5001
			02/01/85	16.5	308.0	
19S/26E-02A01	M	415.0	10/08/84	49.3	365.7	5001
			01/28/85	46.9	368.1	
19S/26E-02C01	M	407.0	10/03/84	47.7	359.3	5001
			01/28/85	43.4	363.6	
19S/26E-04J01	M	384.0	10/04/84	46.0	338.0	5001
			02/04/85	35.0	349.0	
19S/26E-05C01	M	365.0	10/04/84	17.0	348.0	5001
			02/04/85	18.0	347.0	
19S/26E-05N01	M	361.0	10/04/84	20.8	340.2	5001
			02/04/85	19.8	341.2	
19S/26E-05R01	M	367.0	10/03/84	28.2	338.8	5001
			01/28/85	24.5	342.5	
19S/26E-09J02	M	374.0	10/04/84	44.5	329.5	5001
			02/01/85	38.5	335.5	
19S/26E-10K01	M	382.0	10/03/84	48.5	333.5	5001
			01/29/85	42.0	340.0	
19S/26E-10R01	M	377.0	10/04/84	48.7	328.3	5001
			01/29/85	42.8	334.2	
19S/26E-11C01	M	400.0	10/04/84	53.6	346.4	5001
			01/28/85	48.6	351.4	
19S/26E-11D01	M	393.0	10/04/84	50.8	342.2	5001
			01/29/85	47.3	345.7	
19S/26E-11M01	M	384.0	10/04/84	51.8	332.2	5001
			01/29/85	45.4	338.6	
19S/26E-11R01	M	391.5	10/04/84	50.3	341.2	5001
			01/29/85	45.8	345.7	
19S/26E-13M03	M	376.5	10/04/84	39.1	337.4	5001
			01/29/85	37.3	339.2	
19S/26E-13R01	M	380.0	10/04/84	44.3	335.7	5001
			01/29/85	39.6	340.4	
19S/26E-14E01	M	379.0	10/03/84	46.4	328.6	5001
			01/28/85	40.7	334.3	
19S/26E-14K01	M	377.0	10/04/84	45.0	332.0	5001
			01/29/85	40.6	336.4	
19S/26E-15C01	M	373.0	10/04/84	46.1	326.9	5001
			01/29/85	41.8	331.2	
19S/26E-15J01	M	372.0	10/03/84	45.4	326.6	5001
			01/29/85	38.2	333.8	
19S/26E-15L01	M	368.0	10/03/84	43.7	324.3	5001
			01/29/85	39.7	328.3	
19S/26E-15R01	M	368.0	10/09/84	45.7	322.3	5001
			01/28/85	40.6	327.4	
19S/26E-16J02	M	364.0	10/03/84	39.5	324.5	5001
			10/04/84	39.5	324.5	
			01/28/85	35.7	328.3	
			02/01/85	36.5	327.5	
19S/26E-17A01	M	355.8	10/03/84	28.7	327.1	5001
			01/28/85	25.7	330.1	
19S/26E-17L01	M	352.5	10/04/84	22.5	330.0	5001
			02/01/85	22.5	330.0	
19S/26E-20A01	M	350.0	10/03/84	27.5	322.5	5001
			10/04/84	33.5	316.5	
			01/28/85	22.5	327.5	
			02/01/85	21.5	328.5	
19S/26E-20H01	M	345.0	10/03/84	25.5	319.5	5001
			01/28/85	22.3	322.7	
19S/26E-21A01	M	357.0	10/03/84	38.2	318.8	5001
			01/28/85	NM-1		
19S/26E-21J01	M	352.0	10/04/84	38.0	314.0	5001
			02/01/85	31.0	321.0	
19S/26E-21R01	M	347.0	10/03/84	47.3	299.7	5001
			01/28/85	34.2	312.8	
19S/26E-22D02	M	358.0	10/03/84	39.4	318.6	5001
			01/28/85	33.1	324.9	
19S/26E-23E01	M	359.0	10/03/84	42.3	316.7	5001
			01/28/85	35.2	323.8	
19S/26E-23H01	M	361.0	10/04/84	34.7	326.3	5001
			01/28/85	NM-0		
19S/26E-23Q02	M	356.0	10/03/84	40.0	316.0	5001
			01/28/85	31.3	324.7	
19S/26E-24H01	M	366.0	10/04/84	33.0	333.0	5001
			01/29/85	27.9	338.1	
19S/26E-24Q01	M	355.0	10/04/84	24.0	331.0	5001
			01/29/85	21.3	333.7	
19S/26E-25M01	M	346.0	10/03/84	22.4	323.6	5001
			01/28/85	20.1	325.9	
19S/26E-25R01	M	355.0	10/09/84	24.5	330.5	5001
			02/26/85	18.3	336.7	
19S/26E-26C01	M	351.0	10/03/84	35.9	315.1	5001
			01/28/85	28.6	322.4	
19S/26E-26M02	M	345.0	10/03/84	39.2	305.8	5001
			01/28/85	27.0	318.0	
19S/26E-26P01	M	344.0	10/09/84	35.0	309.0	5001
			02/26/85	24.7	319.3	
19S/26E-28D01	M	341.0	10/04/84	23.0	318.0	5001
			02/01/85	23.0	318.0	
19S/26E-30D01	M	341.0	10/04/84	16.0	325.0	5001
			02/01/85	16.0	325.0	
19S/26E-30Q01	M	330.0	10/04/84	16.0	314.0	5001
			02/01/85	17.0	313.0	
19S/26E-33C01	M	331.0	10/04/84	28.0	303.0	5001
			02/01/85	22.0	309.0	
19S/26E-33M01	M	326.0	10/04/84	37.0	289.0	5001
			01/30/85	24.0	302.0	
19S/26E-34R02	M	341.0	01/18/85	33.0	308.0	5001
			09/24/85	33.0	308.0	
19S/26E-35D01	M	340.0	10/01/84	39.3	300.7	5001
			01/28/85	35.5	304.5	
			09/30/85	38.0	302.0	
19S/26E-35G01	M	348.0	10/01/84	35.5	312.5	5001
			01/28/85	28.4	319.6	
			09/30/85	38.0	310.0	
19S/26E-35K01	M	346.0	10/03/84	37.5	308.5	5001
			01/28/85	27.2	318.8	
19S/26E-35M01	M		10/01/84	NM-1		5001
		343.0	01/28/85	28.4	314.6	
			09/30/85	40.5	302.5	
19S/26E-35Q01	M	350.5	10/01/84	39.4	311.1	5001
			01/28/85	29.5	321.0	
			09/30/85	42.3	308.2	
19S/26E-36F01	M	355.0	10/01/84	22.1	332.9	5001
			01/28/85	23.0	332.0	
19S/26E-36F02	M	356.0	01/28/85	10.4	345.6	5001
			09/30/85	13.8	342.2	
19S/27E-19Q01	M	357.9	10/09/84	17.2	340.7	5001
			02/26/85	21.7	336.2	
19S/27E-29D01	M	390.0	10/03/84	42.1	347.9	5001
			01/28/85	39.0	351.0	
19S/27E-29L01	M	385.0	10/02/84	25.7	359.3	5001
			01/28/85	28.9	356.1	
19S/27E-30K01	M	359.0	10/03/84	19.2	339.8	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C	TULARE LAKE HB				
C-01	SOUTH VALLEY FLOOR HU				
C-01.K	KAWEAH DELTA HA				
19S/27E-30K01 M		01/28/85	NM-1		5001
19S/27E-30P01 M	359.0	10/09/84	24.7	334.3	5001
		02/26/85	24.9	334.1	
19S/27E-31A01 M		10/03/84	NM-1		5001
	364.0	01/28/85	24.4	339.6	
19S/27E-31Q01 M	358.0	10/03/84	20.0	338.0	5001
		01/28/85	21.7	336.3	
19S/27E-34R01 M	544.0	01/18/85	1.0	543.0	5001
		09/24/85	14.0	530.0	
20S/21E-01L01 M	220.0	10/15/84	64.0	156.0	5001
		02/20/85	64.8	155.2	
		09/26/85	99.8	120.2	
20S/21E-02A01 M	221.4	10/04/84	22.4	199.0	5001
		01/30/85	19.4	202.0	
20S/22E-01H01 M	237.0	10/17/84	42.0	195.0	5001
		02/08/85	34.0	203.0	
20S/22E-01Q01 M	233.0	10/17/84	56.2	176.8	5001
		02/15/85	40.8	192.2	
		09/26/85	57.4	175.6	
20S/22E-02C01 M	232.0	11/05/84	41.8	190.2	5001
		02/15/85	37.8	194.2	
		09/26/85	56.0	176.0	
20S/22E-03B01 M	231.0	11/05/84	41.5	189.5	5001
		02/15/85	40.7	190.3	
		09/26/85	60.9	170.1	
20S/22E-03C02 M	229.0	10/02/84	44.0	185.0	5001
		01/30/85	38.0	191.0	
20S/22E-03P01 M	227.0	10/17/84	47.5	179.5	5001
		02/15/85	41.0	186.0	
		09/26/85	97.3	129.7	
20S/22E-04C01 M	226.0	10/02/84	38.0	188.0	5001
		01/30/85	34.0	192.0	
20S/22E-04D01 M	225.0	11/05/84	43.8	181.2	5001
		02/15/85	43.5	181.5	
		09/26/85	55.8	169.2	
20S/22E-05L01 M	222.0	11/05/84	49.0	173.0	5001
		02/15/85	46.7	175.3	
		09/26/85	75.9	146.1	
20S/22E-06A01 M	223.5	10/02/84	39.5	184.0	5001
		01/30/85	29.5	194.0	
20S/22E-06C01 M	222.0	11/05/84	57.8	164.2	5001
		02/15/85	64.2	157.8	
		09/26/85	100.2	121.8	
20S/22E-06H01 M	221.0	11/05/84	58.7	162.3	5631
		02/15/85	72.4	148.6	5129
20S/22E-07A02 M	219.0	10/17/84	37.3	181.7	5001
		02/15/85	42.0	177.0	
		09/26/85	61.5	157.5	
20S/22E-07A03 M	219.5	10/02/84	39.0	180.5	5001
		01/30/85	30.0	189.5	
20S/22E-07A04 M	219.0	10/17/84	49.3	169.7	5001
		02/15/85	51.5	167.5	
		09/26/85	102.7	116.3	
20S/22E-07M01 M	216.4	10/02/84	57.4	159.0	5001
		01/30/85	29.4	187.0	
20S/22E-08A02 M	221.0	10/02/84	30.0	191.0	5001
		01/30/85	27.0	194.0	
20S/22E-08J01 M	220.0	11/05/84	33.6	186.4	5001
		02/15/85	39.8	180.2	
		09/26/85	67.8	152.2	
20S/22E-09H01 M	225.0	10/17/84	53.0	172.0	5001
		02/15/85	44.9	180.1	
		09/26/85	110.0	115.0	
20S/22E-10H02 M	225.0	10/17/84	61.1	163.9	5001
		02/15/85	48.1	176.9	
		09/26/85	134.2(2)	90.8	
20S/22E-25R01 M	223.0	10/12/84	32.5	190.5	5001
		02/25/85	32.0	191.0	
20S/22E-36A01 M	219.2	01/31/85	32.2	187.0	5001
20S/22E-36H01 M	220.0	10/30/84	31.0	189.0	5050
		02/21/85	NM-1		5001
20S/23E-02H01 M	258.5	10/17/84	36.0	222.5	5001
		02/08/85	36.0	222.5	
20S/23E-03L01 M	251.5	10/17/84	24.0	227.5	5001
		02/08/85	24.0	227.5	
20S/23E-04F01 M	246.0	10/17/84	35.5	210.5	5001
		02/08/85	34.5	211.5	

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.K		KAWEAH DELTA HA				
20S/23E-05J01 M		242.0	10/17/84	39.2	202.8	5001
			02/15/85	38.3	203.7	
			09/26/85	70.0	172.0	
20S/23E-07H03 M		237.0	10/12/84	44.0	193.0	5001
			02/08/85	51.0	186.0	
20S/23E-08G01 M		241.0	10/17/84	46.0	195.0	5001
			02/15/85	43.8	197.2	
			09/26/85	53.4	187.6	
20S/23E-08H01 M		242.0	10/12/84	41.0	201.0	5001
			02/08/85	40.0	202.0	
20S/23E-09J02 M		245.5	10/12/84	29.5	216.0	5001
			02/11/85	34.0	211.5	
20S/23E-11C01 M		250.6	10/03/84	51.6	199.0	5001
			01/30/85	48.6	202.0	
20S/23E-11L01 M		251.5	10/12/84	36.5	215.0	5001
			02/11/85	38.0	213.5	
20S/23E-12A01 M		258.0	10/17/84	46.0	212.0	5001
			02/07/85	44.5	213.5	
20S/23E-13E02 M		250.0	10/15/84	46.0	204.0	5001
			02/07/85	48.5	201.5	
20S/23E-15A01 M			10/15/84	NM-3		5001
		246.0	02/11/85	31.5	214.5	
20S/23E-16J01 M		241.5	10/15/84	35.5	206.0	5001
			02/11/85	35.5	206.0	
20S/23E-17C01 M		238.0	10/17/84	47.5	190.5	5001
			02/11/85	53.5	184.5	
20S/23E-18R01 M			10/17/84	NM-1		5001
		234.5	02/11/85	56.0	178.5	
20S/23E-19J01 M		231.0	10/12/84	45.5	185.5	5001
			02/11/85	41.0	190.0	
20S/23E-21B01 M			10/12/84	NM-1		5001
		239.0	02/11/85	40.0	199.0	
20S/23E-24L01 M		250.0	10/15/84	47.5	202.5	5001
			02/11/85	47.0	203.0	
20S/23E-25J02 M		246.5	10/15/84	62.0	184.5	5001
			02/11/85	64.5	182.0	
20S/23E-26C01 M		243.5	10/15/84	44.0	199.5	5001
			02/25/85	NM-1		
20S/23E-26R01 M		242.7	10/15/84	47.5	195.2	5001
			02/25/85	46.0	196.7	
20S/23E-27D01 M		237.5	10/15/84	40.5	197.0	5001
			02/25/85	39.5	198.0	
20S/23E-27P01 M		238.0	02/21/85	57.0(9)	181.0	5050
20S/23E-27R01 M		238.0	10/10/84	40.0	198.0	5001
			02/25/85	41.0	197.0	
20S/23E-29J02 M		231.5	10/15/84	38.5	193.0	5001
			02/25/85	38.5	193.0	
20S/23E-30G01 M			10/15/84	NM-0		5001
20S/23E-31N01 M		219.5	10/15/84	25.5	194.0	5001
			02/25/85	26.0	193.5	
20S/24E-04E01 M		276.0	10/16/84	58.5	217.5	5001
			02/07/85	57.0	219.0	
20S/24E-04J02 M		279.5	10/16/84	62.5	217.0	5001
			02/07/85	60.5	219.0	
20S/24E-06A01 M		270.0	10/16/84	59.0	211.0	5001
			02/07/85	50.0	220.0	
20S/24E-07G01 M		262.5	10/12/84	62.5	200.0	5001
			02/07/85	52.5	210.0	
20S/24E-09M01 M		269.0	10/15/84	60.0	209.0	5001
			02/07/85	55.0	214.0	
20S/24E-10B01 M			02/21/85	NM-7		5050
20S/24E-14R01 M		278.0	10/16/84	52.5	225.5	5001
			02/07/85	48.5	229.5	
20S/24E-15P01 M		275.0	10/15/84	48.5	226.5	5001
			02/07/85	48.5	226.5	
20S/24E-16H01 M		272.5	10/15/84	66.0	206.5	5001
			02/07/85	52.0	220.5	
20S/24E-17A02 M		265.0	10/15/84	51.5	214.5	5001
			02/07/85	53.5	212.5	
20S/24E-17P01 M		259.5	10/15/84	47.0	212.5	5001
			02/07/85	41.5	218.0	
20S/24E-18F01 M		257.0	10/15/84	62.0	195.0	5001
			02/07/85	49.0	208.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.K		KAWEAH DELTA HA				
20S/24E-20M02	M	256.0	10/15/84	50.0	206.0	5001
			02/11/85	47.5	208.5	
20S/24E-24H01	M	279.0	10/03/84	62.5	216.5	5001
			01/31/85	43.5	235.5	
20S/24E-25N01	M	269.0	10/03/84	25.0	244.0	5001
			01/31/85	25.0	244.0	
20S/24E-27C01	M	265.0	10/15/84	40.0	225.0	5001
			02/25/85	41.0	224.0	
20S/24E-28L01	M	257.5	10/15/84	36.0	221.5	5001
			02/25/85	34.0	223.5	
20S/24E-29B01	M	255.5	10/15/84	57.5	198.0	5001
			02/25/85	49.5	206.0	
20S/24E-30J02	M	250.0	10/15/84	49.0	201.0	5001
			02/25/85	44.0	206.0	
20S/24E-31R01	M	246.0	10/15/84	53.0	193.0	5001
			02/25/85	50.5	195.5	
20S/24E-33C01	M	255.0	10/15/84	36.0	219.0	5001
			02/25/85	38.0	217.0	
20S/24E-34C01	M	261.0	10/03/84	38.5	222.5	5001
			01/31/85	30.5	230.5	
20S/25E-01A01	M	320.0	10/03/84	14.0	306.0	5001
			02/01/85	13.0	307.0	
20S/25E-02A01	M	317.0	10/03/84	18.5	298.5	5001
			02/01/85	16.5	300.5	
20S/25E-03R01	M	307.0	10/03/84	18.0	289.0	5001
			02/01/85	17.0	290.0	
20S/25E-06C01	M	305.0	10/16/84	43.5	261.5	5001
			02/07/85	40.0	265.0	
20S/25E-12A01	M	314.0	10/03/84	18.5	295.5	5001
			02/01/85	17.5	296.5	
20S/25E-14F01	M	304.5	10/04/84	28.5	276.0	5001
			01/31/85	22.5	282.0	
20S/25E-14F02	M	304.5	10/04/84	58.5	246.0	5001
			01/31/85	53.5	251.0	
20S/25E-14F04	M	304.0	10/03/84	28.0	276.0	5001
			01/31/85	25.0	279.0	
20S/25E-16J02	M	297.0	10/03/84	27.0	270.0	5001
			01/31/85	18.0	279.0	
20S/25E-17A02	M		10/03/84	NM-1		5001
		296.0	01/31/85	25.0	271.0	
20S/25E-18D01	M	288.0	10/17/84	47.0	241.0	5001
			02/07/85	43.5	244.5	
20S/25E-18M01	M	282.0	10/16/84	46.0	236.0	5001
			02/07/85	39.0	243.0	
20S/25E-19R01	M	282.0	10/03/84	56.5	225.5	5001
			01/31/85	33.5	248.5	
20S/25E-21J01	M	294.0	10/03/84	17.5	276.5	5001
			01/31/85	17.5	276.5	
20S/25E-23H01	M	307.0	10/03/84	57.5	249.5	5001
			02/01/85	33.5	273.5	
20S/25E-24R01	M	313.0	10/03/84	52.5	260.5	5001
			02/01/85	46.5	266.5	
20S/25E-28H02	M	293.0	10/03/84	47.0	246.0	5001
			01/31/85	34.0	259.0	
20S/25E-29A01	M		10/03/84	NM-1		5001
			01/31/85	NM-4		
20S/25E-32Q01	M	286.2	10/03/84	23.0	263.2	5001
			01/31/85	21.0	265.2	
20S/26E-01B01	M	362.0	10/01/84	25.5	336.5	5001
			01/28/85	31.5	330.5	
			09/30/85	37.0	325.0	
20S/26E-01E01	M	357.0	10/01/84	38.0	319.0	5001
			01/28/85	39.9	317.1	
			09/30/85	43.0	314.0	
20S/26E-01K01	M	364.0	10/01/84	41.3	322.7	5001
			01/28/85	36.5	327.5	
			09/30/85	41.7	322.3	
20S/26E-01L01	M	362.0	10/01/84	39.7	322.3	5001
			01/28/85	35.7	326.3	
			09/30/85	44.2	317.8	
20S/26E-01P01	M	360.0	10/01/84	39.5	320.5	5001
			01/28/85	32.5	327.5	
			09/30/85	44.5	315.5	
20S/26E-02E04	M	342.0	10/01/84	42.5	299.5	5001
			01/28/85	33.2	308.8	
20S/26E-02E04	M	342.0	09/30/85	45.0	297.0	5001
20S/26E-02J01	M	354.8	10/01/84	39.9	314.9	5001
			01/28/85	38.3	316.5	
			09/30/85	42.8	312.0	
20S/26E-02P01	M	350.0	10/01/84	43.5	306.5	5001
			01/28/85	38.9	311.1	
			09/30/85	46.7	303.3	
20S/26E-03K01	M	339.5	10/01/84	39.4	300.1	5001
			01/28/85	32.5	307.0	
			09/30/85	39.5	300.0	
20S/26E-04H01	M		10/01/84	NM-1		5001
		333.0	01/28/85	39.5	293.5	
			09/30/85	NM-0		
20S/26E-07R02	M	319.0	10/03/84	46.0	273.0	5001
			02/01/85	40.0	279.0	
20S/26E-08H01	M		10/01/84	NM-1		5001
		327.0	01/28/85	43.2	283.8	
			09/30/85	47.8	279.2	
20S/26E-08R01	M	328.4	10/01/84	61.5	266.9	5001
			01/28/85	40.5	287.9	
			09/30/85	57.1	271.3	
20S/26E-09B01	M	333.0	10/01/84	53.5	279.5	5001
			01/25/85	43.0	290.0	
			09/30/85	NM-1		
20S/26E-09P02	M	330.0	10/01/84	63.0	267.0	5001
			01/28/85	53.9	276.1	
			09/30/85	61.5	268.5	
20S/26E-09Q01	M	336.0	10/01/84	32.5	303.5	5001
			01/28/85	23.4	312.6	
			09/30/85	32.5	303.5	
20S/26E-10D01	M	338.3	10/01/84	57.6	280.7	5001
			01/28/85	50.0	288.3	
			09/30/85	56.8	281.5	
20S/26E-10N01	M	340.0	10/01/84	62.5	277.5	5001
			01/28/85	52.5	287.5	
			09/30/85	60.0	280.0	
20S/26E-10Q02	M	344.0	10/01/84	57.8	286.2	5001
			01/28/85	50.0	294.0	
			09/30/85	58.0	286.0	
20S/26E-11F01	M	349.0	10/01/84	49.0	300.0	5001
			01/28/85	41.7	307.3	
			09/30/85	53.2	295.8	
20S/26E-11H01	M	356.6	10/01/84	47.7	308.9	5001
			01/28/85	36.7	319.9	
			09/30/85	46.0	310.6	
20S/26E-11N01	M	350.8	10/01/84	50.2	300.6	5001
			01/28/85	43.9	306.9	
			09/30/85	56.8	294.0	
20S/26E-12F01	M	364.0	10/01/84	42.0	322.0	5001
			01/28/85	39.3	324.7	
			09/30/85	44.0	320.0	
20S/26E-12F02	M	360.0	10/01/84	44.3	315.7	5001
			01/28/85	40.5	319.5	
			09/30/85	45.9	314.1	
20S/26E-12L01	M	364.0	10/01/84	45.9	318.1	5001
			01/28/85	38.5	325.5	
			09/30/85	47.5	316.5	
20S/26E-12Q01	M	369.0	10/01/84	41.8	327.2	5001
			01/28/85	39.1	329.9	
			09/30/85	48.0	321.0	
20S/26E-13A01	M	371.5	10/01/84	41.5	330.0	5001
			01/28/85	39.4	332.1	
			09/30/85	50.5	321.0	
20S/26E-13G01	M	366.0	01/28/85	33.5	332.5	5001
			09/30/85	45.5	320.5	
20S/26E-13K01	M	364.5	10/01/84	38.7	325.8	5001
			01/25/85	33.0	331.5	
			09/30/85	44.7	319.8	
20S/26E-13P01	M	362.5	10/01/84	37.7	324.8	5001
			01/28/85	32.3	330.2	
			09/30/85	45.5	317.0	
20S/26E-13R01	M	370.0	10/01/84	30.8	339.2	5001
			01/28/85	30.3	339.7	
			09/30/85	39.7	330.3	
20S/26E-14B01	M	355.0	10/01/84	46.2	308.8	5001
			01/28/85	41.5	313.5	
			09/30/85	50.0	305.0	
20S/26E-14G01	M	349.3	10/01/84	49.9	299.4	5001
			01/28/85	34.8	314.5	
			09/30/85	52.2	297.1	
20S/26E-14L01	M	349.0	10/01/84	43.8	305.2	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C	TULARE LAKE HB				
C-01	SOUTH VALLEY FLOOR HU				
C-01.K	KAWEAH DELTA HA				
20S/26E-14L01 M	349.0	01/28/85	38.9	310.1	5001
		09/30/85	47.3	301.7	
20S/26E-14R01 M	355.0	10/01/84	42.3	312.7	5001
		01/28/85	34.2	320.8	
		09/30/85	46.8	308.2	
20S/26E-15H01 M	347.0	10/01/84	54.1	292.9	5001
		01/28/85	48.2	298.8	
		09/30/85	56.8	290.2	
20S/26E-15L01 M	342.0	10/01/84	60.0	282.0	5001
		01/28/85	51.7	290.3	
		09/30/85	60.5	281.5	
20S/26E-15R01 M	344.5	10/01/84	50.5	294.0	5001
		01/28/85	44.8	299.7	
		09/30/85	52.9	291.6	
20S/26E-16A01 M	336.5	10/01/84	65.0	271.5	5001
		01/28/85	47.8	288.7	
		09/30/85	63.0	273.5	
20S/26E-16R01 M	335.5	01/28/85	56.9	278.6	5001
		09/30/85	67.0	268.5	
20S/26E-17R01 M	328.8	10/01/84	67.5	261.3	5001
		01/28/85	58.7	270.1	
20S/26E-20J01 M	328.0	10/01/84	67.5	260.5	5001
		01/29/85	56.5	271.5	
20S/26E-21Q01 M	332.7	10/02/84	63.1	269.6	5001
		01/28/85	58.3	274.4	
20S/26E-22B01 M	344.0	10/02/84	57.8	286.2	5001
		01/29/85	50.0	294.0	
20S/26E-22C02 M	342.0	10/02/84	57.7	284.3	5001
		01/29/85	47.7	294.3	
20S/26E-22L01 M	340.0	10/02/84	52.5	287.5	5001
		01/29/85	47.0	293.0	
20S/26E-22Q01 M	343.0	10/02/84	44.2	298.8	5001
		01/29/85	40.4	302.6	
20S/26E-23C01 M	348.0	10/02/84	47.1	300.9	5001
		01/29/85	36.2	311.8	
20S/26E-23H01 M	358.0	10/02/84	35.4	322.6	5001
		01/29/85	31.5	326.5	
20S/26E-23N01 M	348.0	10/02/84	39.8	308.2	5001
		01/29/85	37.2	310.8	
20S/26E-23R01 M	355.0	10/02/84	31.5	323.5	5001
		01/29/85	26.2	328.8	
20S/26E-24C01 M	362.0	10/02/84	42.6	319.4	5001
		01/29/85	35.7	326.3	
20S/26E-24H01 M	372.0	10/02/84	25.0	347.0	5001
		01/29/85	25.0	347.0	
20S/26E-24J01 M	371.0	10/02/84	22.0	349.0	5001
		01/29/85	20.3	350.7	
20S/26E-24K01 M	365.0	10/02/84	28.0	337.0	5001
		01/29/85	24.9	340.1	
20S/26E-24K02 M	362.5	10/02/84	35.8	326.7	5001
		01/29/85	30.5	332.0	
20S/26E-24K03 M	362.5	10/02/84	77.5	285.0	5001
		01/29/85	71.4	291.1	
20S/26E-25Q02 M	356.0	10/02/84	22.5	333.5	5001
		01/29/85	21.9	334.1	
20S/26E-25G01 M	363.0	10/02/84	14.5	348.5	5001
		01/29/85	13.8	349.2	
20S/26E-25H01 M	368.0	10/02/84	12.0	356.0	5001
		01/29/85	15.0	353.0	
20S/26E-25P01 M	363.0	10/02/84	22.0	341.0	5001
		01/29/85	18.5	344.5	
20S/26E-25R01 M	368.8	10/02/84	12.0	356.8	5001
		01/29/85	11.0	357.8	
20S/26E-26E01 M	347.0	10/02/84	33.6	313.4	5001
		01/30/85	29.8	317.2	
20S/26E-26G01 M	353.0	01/30/85	26.6	326.4	5001
20S/26E-26R01 M		10/02/84	NM-1		5001
	358.0	01/30/85	30.0	328.0	
20S/26E-27A01 M	345.0	10/02/84	40.0	305.0	5001
		01/30/85	37.8	307.2	
20S/26E-27D01 M	339.0	10/02/84	48.8	290.2	5001
		01/30/85	48.5	290.5	
20S/26E-27Q01 M	344.3	10/02/84	38.0	308.3	5001
		01/30/85	36.5	309.8	
20S/26E-28N01 M	333.0	10/02/84	57.1	275.9	5001
		01/30/85	49.4	283.6	
20S/26E-28R01 M		10/02/84	NM-4		5001
	338.5	01/30/85	45.2	293.3	
20S/26E-29H01 M	330.0	10/02/84	67.5	262.5	5001
		01/30/85	55.5	274.5	
20S/26E-29L01 M	327.0	10/02/84	59.9	267.1	5001
		01/30/85	51.6	275.4	
20S/26E-29N01 M	325.0	10/02/84	58.5	266.5	5001
		01/30/85	49.9	275.1	
20S/26E-30R01 M	323.0	10/02/84	55.2	267.8	5001
		01/30/85	45.6	277.4	
20S/26E-32A01 M	332.5	10/02/84	54.2	278.3	5001
		10/09/84	53.9	278.6	
		01/29/85	47.6	284.9	
		01/30/85	46.9	285.6	
20S/26E-32E01 M	325.0	10/02/84	48.3	276.7	5001
		01/30/85	49.0	276.0	
20S/26E-33C01 M	335.0	10/02/84	54.8	280.2	5001
		01/30/85	47.8	287.2	
20S/26E-33K01 M	341.0	10/02/84	40.7	300.3	5001
		01/30/85	37.2	303.8	
20S/26E-33P01 M	339.5	10/02/84	38.0	301.5	5001
		01/30/85	36.0	303.5	
20S/26E-34L01 M	346.0	10/02/84	34.4	311.6	5001
		01/30/85	34.8	311.2	
20S/26E-34Q01 M	350.0	10/02/84	31.7	318.3	5001
		01/30/85	26.2	323.8	
20S/26E-35B01 M	355.0	10/02/84	43.0	312.0	5001
		01/30/85	25.1	329.9	
20S/26E-35H01 M	361.0	10/02/84	14.5	346.5	5001
		01/30/85	15.2	345.8	
20S/26E-35P01 M	359.0	10/02/84	21.6	337.4	5001
		01/30/85	21.2	337.8	
20S/26E-36E01 M	364.0	10/02/84	10.7	353.3	5001
		01/30/85	13.2	350.8	
20S/26E-36L01 M	367.0	10/02/84	10.4	356.6	5001
		01/30/85	11.8	355.2	
20S/27E-06L01 M		10/02/84	NM-1		5001
	368.5	01/30/85	35.5	333.0	
20S/27E-08A01 M	399.5	10/03/84	11.9	387.6	5001
		01/28/85	12.9	386.6	
20S/27E-08J01 M	406.0	10/03/84	26.5	379.5	5001
		01/28/85	17.1	388.9	
20S/27E-11C01 M	499.0	01/18/85	19.5	479.5	5001
		09/24/85	NM-1		
20S/27E-15L01 M	441.5	10/05/84	38.3	403.2	5001
		01/28/85	34.3	407.2	
20S/27E-15R01 M	465.0	10/03/84	3.5	461.5	5001
		01/28/85	3.6	461.4	
20S/27E-16A01 M	425.5	10/03/84	24.5	401.0	5001
		01/28/85	23.0	402.5	
20S/27E-18F01 M	381.0	10/03/84	39.1	341.9	5001
		01/31/85	34.8	346.2	
20S/27E-18N01 M	374.0	10/03/84	37.7	336.3	5001
		01/31/85	26.0	348.0	
20S/27E-18R01 M	385.7	10/03/84	26.1	359.6	5001
		01/31/85	23.2	362.5	
20S/27E-19C01 M	379.0	10/03/84	30.0	349.0	5001
		01/31/85	26.5	351.5	
20S/27E-19G02 M	381.0	10/03/84	25.0	356.0	5001
		01/31/85	20.6	360.4	
20S/27E-19R01 M	388.0	10/03/84	16.0	372.0	5001
		01/31/85	17.4	370.6	
20S/27E-20E01 M	391.0	10/03/84	24.2	366.8	5001
		01/31/85	21.0	370.0	
20S/27E-21F01 M	414.0	10/03/84	22.1	391.9	5001
		01/28/85	23.5	390.5	
20S/27E-24M01 M	507.0	10/03/84	53.9	453.1	5001
		01/28/85	50.9	456.1	
20S/27E-25N01 M	475.0	10/03/84	45.1	429.9	5001
		01/29/85	41.2	433.8	
20S/27E-27H01 M	455.0	10/05/84	35.9	419.1	5001
		01/28/85	37.3	417.7	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.K		KAWEAH DELTA HA				
20S/27E-29E01	M	391.3	10/03/84	12.7	378.6	5001
			01/31/85	13.3	378.0	
20S/27E-29J01	M		10/05/84	NM-2		5001
		406.0	01/28/85	3.5	402.5	
20S/27E-29R01	M	400.0	10/03/84	11.5	388.5	5001
			01/31/85	13.5	386.5	
20S/27E-30D01	M	372.7	10/03/84	19.3	353.4	5001
			01/31/85	19.5	353.2	
20S/27E-30H01	M	386.0	10/03/84	11.0	375.0	5001
			01/31/85	12.8	373.2	
20S/27E-30M01	M	370.0	10/03/84	8.7	361.3	5001
			01/31/85	9.5	360.5	
20S/27E-30Q01	M	380.0	10/03/84	8.1	371.9	5001
			01/31/85	6.5	373.5	
20S/27E-31C01	M	376.0	10/03/84	5.5	370.5	5001
			01/31/85	5.4	370.6	
20S/27E-31L01	M	376.0	10/03/84	12.3	363.7	5001
			01/31/85	11.0	365.0	
20S/27E-31Q01	M	380.8	10/03/84	99.0	281.8	5001
			01/31/85	9.9	370.9	
20S/27E-32D01	M	385.0	10/03/84	7.1	377.9	5001
			01/31/85	7.2	377.8	
20S/27E-32P02	M	394.0	10/03/84	8.8	385.2	5001
			01/31/85	7.0	387.0	
20S/27E-32R01	M	397.5	10/03/84	11.0	386.5	5001
			01/31/85	6.6	390.9	
20S/27E-33P01	M	404.8	10/03/84	14.0	390.8	5001
			01/31/85	8.4	396.4	
20S/27E-34H01	M	440.0	10/05/84	20.4	419.6	5001
			01/28/85	18.0	422.0	
20S/27E-34L01	M		10/03/84	NM-1		50C1
		419.5	01/31/85	13.5	406.0	
20S/27E-36H01	M	499.5	10/05/84	10.7	488.8	5001
			01/28/85	8.4	491.1	
20S/28E-18P01	M	640.0	01/18/85	11.0	629.0	5001
			09/24/85	1.0	639.0	
20S/28E-19R01	M	660.0	01/18/85	46.0	614.0	5001
			09/24/85	48.0	612.0	
20S/28E-29E01	M	570.0	01/18/85	5.0	565.0	5001
			09/24/85	24.0	546.0	
20S/28E-29H01	M	619.0	01/18/85	2.0	617.0	5001
			09/24/85	6.0	613.0	
20S/28E-32J01	M	595.0	01/18/85	13.0	582.0	5001
			09/27/85	25.0	570.0	
20S/28E-33D01	M		01/18/85	NM-1		5001
			09/27/85	NM-1		
21S/23E-02A01	M	236.0	10/03/84	46.5	189.5	5001
			01/31/85	44.5	191.5	
21S/23E-02C01	M	235.0	10/10/84	43.5	191.5	5001
			02/25/85	41.0	194.0	
21S/23E-02K01	M	234.2	10/03/84	64.2	170.0	5001
			01/31/85	52.2	182.0	
21S/23E-03D01	M	230.0	10/03/84	46.8	183.2	5001
			01/31/85	38.8	191.2	
21S/23E-03N01	M	228.2	10/15/84	34.0	194.2	5001
			02/25/85	40.0	188.2	
21S/23E-04A01	M	229.0	10/15/84	38.0	191.0	5001
			02/25/85	40.0	189.0	
21S/23E-05A02	M	224.0	10/12/84	33.0	191.0	50C1
			02/25/85	34.0	190.0	
21S/23E-05E02	M	220.5	10/12/84	28.5	192.0	5001
			02/25/85	29.5	191.0	
21S/23E-05R01	M	223.0	10/15/84	31.0	192.0	5001
			02/25/85	31.5	191.5	
21S/23E-07H01	M	217.5	10/10/84	33.5	184.0	5001
			02/25/85	28.5	189.0	
21S/23E-07J01	M	219.0	10/03/84	34.0	185.0	5001
			01/31/85	27.0	192.0	
21S/23E-08F02	M	219.5	10/12/84	35.5	184.0	5001
			02/25/85	31.5	188.0	
21S/23E-08R01	M	220.0	10/15/84	31.5	188.5	50C1
			02/25/85	30.0	190.0	
21S/23E-10J02	M	228.0	10/10/84	39.0	189.0	5001
			02/25/85	40.0	188.0	
21S/23E-11D01	M	229.5	10/03/84	73.5	156.0	5001
			01/31/85	50.5	179.0	
21S/23E-12C01	M	236.0	10/03/84	57.5	178.5	5001
			01/31/85	51.5	184.5	
21S/23E-13A02	M		10/03/84	NM-1		5001
		235.0	01/31/85	44.0	191.0	
21S/23E-14C01	M	230.0	10/10/84	54.0	176.0	5001
			02/25/85	55.0	175.0	
21S/23E-17M01	M	215.0	10/03/84	21.5	193.5	5001
			01/31/85	20.5	194.5	
21S/23E-18N01	M	211.0	10/30/84	60.0	151.0	5030
			02/22/85	57.0(9)	154.0	5001
21S/23E-21C02	M	218.0	10/10/84	23.5	194.5	5001
			02/25/85	24.5	193.5	
21S/23E-21C03	M	218.0	10/10/84	32.5	185.5	5001
			02/25/85	36.0	182.0	
21S/23E-22H01	M	223.0	10/10/84	29.5	193.5	5001
			02/25/85	28.0	195.0	
21S/23E-22J01	M	221.5	10/03/84	30.0	191.5	5001
			01/31/85	24.0	197.5	
21S/24E-01A01	M	269.0	10/18/84	9.9	259.1	5001
			02/15/85	13.1	255.9	
21S/24E-03L01	M	254.4	10/03/84	82.4	172.0	5001
			01/31/85	47.4	207.0	
21S/24E-04F01	M	252.0	10/15/84	68.5	183.5	5001
			02/25/85	66.5	185.5	
21S/24E-05H02	M	248.2	10/03/84	77.2	171.0	5001
			01/31/85	48.2	200.0	
21S/24E-07B01	M	239.5	10/03/84	55.0	184.5	5001
			01/31/85	49.0	190.5	
21S/24E-08A01	M		10/03/84	NM-1		5001
		246.0	01/31/85	37.4	208.6	
21S/24E-09C01	M	249.0	10/03/84	71.0	178.0	5001
			01/31/85	43.0	206.0	
21S/24E-16A01	M	240.0	10/03/84	46.0	194.0	5001
			01/31/85	42.0	198.0	
21S/26E-01C01	M	362.7	10/03/84	18.2	344.5	5001
			01/31/85	18.3	344.4	
21S/26E-01P01	M	368.5	01/31/85	17.1	351.4	5001
21S/26E-01Q01	M	372.0	10/04/84	27.5	344.5	5001
			02/01/85	24.4	347.6	
21S/26E-01R01	M	375.0	10/04/84	14.8	360.2	5001
			02/01/85	14.8	360.2	
21S/26E-02A01	M	360.0	10/04/84	20.6	339.4	5001
			02/01/85	20.5	339.5	
21S/26E-02F01	M	356.2	10/04/84	20.4	335.8	5001
			02/01/85	19.9	336.3	
21S/26E-02K01	M	360.0	10/04/84	22.3	337.7	5001
			02/01/85	18.2	341.8	
21S/26E-03A01	M	350.0	10/04/84	31.6	318.4	5001
			02/01/85	16.5	333.5	
21S/26E-03C01	M	346.4	10/04/84	27.3	319.1	5001
			02/01/85	26.8	319.6	
21S/26E-11E01	M	362.0	10/04/84	18.0	344.0	5001
			02/01/85	17.0	345.0	
21S/26E-11H01	M	363.0	10/04/84	13.4	351.6	5001
			02/01/85	12.6	352.4	
21S/26E-12D01	M	367.4	10/04/84	13.7	353.7	5001
			02/01/85	13.8	353.6	
21S/26E-12H01	M		10/04/84	NM-9		5001
		375.0	02/01/85	10.0	365.0	
21S/27E-02E01	M	428.0	10/04/84	6.5	421.5	5001
			02/01/85	13.4	414.6	
21S/27E-02N01	M		10/04/84	NM-1		5001
		426.0	02/01/85	19.3	406.7	
21S/27E-03E01	M	411.0	10/04/84	11.5	399.5	5001
			02/01/85	11.9	399.1	
21S/27E-03K01	M	422.0	10/04/84	10.5	411.5	5001
			02/01/85	15.1	406.9	
21S/27E-03P01	M	414.0	10/04/84	9.7	404.3	5001
			02/01/85	10.1	403.9	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C	TULARE LAKE HB					
C-01	SOUTH VALLEY FLOOR HU					
C-01.K	KAWEAH DELTA HA					
21S/27E-04F01	M	401.0	10/04/84	9.0	392.0	5001
			02/01/85	9.0	392.0	
21S/27E-04G01	M	404.0	10/04/84	13.4	390.6	5001
			02/01/85	10.6	393.4	
21S/27E-04L01	M	402.9	10/05/84	12.6	390.3	5001
			02/01/85	10.7	392.2	
21S/27E-04Q02	M	406.0	10/05/84	5.0	401.0	5001
			02/01/85	6.0	400.0	
21S/27E-05C01	M	388.0	10/05/84	7.4	380.6	5001
			02/01/85	8.7	379.3	
21S/27E-05E01	M	384.0	10/05/84	6.0	378.0	5001
			02/01/85	6.1	377.9	
21S/27E-05H02	M	391.0	10/05/84	7.1	383.9	5001
			02/01/85	7.6	383.4	
21S/27E-05M02	M	384.0	10/05/84	10.1	373.9	5001
			02/01/85	10.9	373.1	
21S/27E-06F01	M		10/05/84	NM-4		5001
		376.0	02/01/85	11.4	364.6	
21S/27E-06P01	M	377.0	10/05/84	14.5	362.5	5001
			02/01/85	14.4	362.6	
21S/27E-06Q01	M	381.0	10/05/84	14.1	366.9	5001
			02/01/85	13.5	367.5	
21S/27E-08A01	M	395.0	10/05/84	7.5	387.5	5001
			02/01/85	7.7	387.3	
21S/27E-08F01	M	389.5	10/05/84	8.8	380.7	5001
			02/01/85	8.0	381.5	
21S/27E-09C01	M	402.0	01/22/85	10.4	391.6	5001
			09/24/85	14.9	387.1	
21S/27E-10B01	M	421.2	10/05/84	14.0	407.2	5001
			02/01/85	14.2	407.0	
21S/27E-10C01	M	415.0	10/05/84	7.5	407.5	5001
			02/01/85	7.6	407.4	
21S/27E-11D01	M	435.0	10/05/84	22.4	412.6	5001
			02/01/85	21.0	414.0	
21S/28E-05H01	M	548.0	01/21/85	3.0	545.0	5001
			09/25/85	NM-1		
21S/28E-09B01	M	618.0	01/21/85	7.0	611.0	5001
			09/25/85	8.0	610.0	
21S/28E-09C01	M	614.0	01/21/85	18.5	595.5	5001
			09/25/85	NM-1		
21S/28E-10N01	M	660.0	01/21/85	22.0	638.0	5001
			09/25/85	NM-1		
21S/28E-16B01	M	663.0	01/21/85	78.5	584.5	5001
			09/25/85	NM-1		
21S/28E-16G01	M	670.0	01/21/85	70.0	600.0	5001
			09/25/85	NM-1		
C-01.L	TULE DELTA HA					
20S/25E-33J01	M	298.0	10/09/84	50.6	247.4	5001
			01/28/85	35.8	262.2	
20S/25E-34R01	M	304.5	10/09/84	26.7	277.8	5001
			01/29/85	27.1	277.4	
20S/25E-35G01	M	308.0	10/09/84	40.0	268.0	5001
			01/29/85	36.6	271.4	
20S/25E-36N01	M	317.0	10/09/84	35.7	281.3	5001
			01/29/85	35.2	281.8	
20S/26E-31L01	M	321.0	10/09/84	38.6	282.4	5001
			01/29/85	36.8	284.2	
20S/26E-31Q01	M	325.5	10/09/84	32.7	292.8	5001
			01/29/85	31.2	294.3	
20S/26E-32N01	M	332.0	10/09/84	33.2	298.8	5001
			01/29/85	31.7	300.3	
21S/23E-24R01	M	231.0	10/24/84	28.0	203.0	5001
			01/31/85	28.7	202.3	
21S/23E-25A01	M	230.5	10/24/84	26.0	204.5	5001
			01/31/85	25.8	204.7	
21S/23E-31B01	M	209.0	10/18/84	16.3	192.7	5001
			01/30/85	15.8	193.2	
21S/23E-32K01	M	210.0	10/18/84	13.0	197.0	5001
			01/30/85	13.3	196.7	
21S/23E-33Q02	M	213.5	10/18/84	18.2	195.3	5001
			01/30/85	16.2	197.3	
21S/23E-34Q01	M	217.0	10/18/84	89.6	127.4	5001
			01/30/85	71.1	145.9	

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C	TULARE LAKE HB					
C-01	SOUTH VALLEY FLOOR HU					
C-01.L	TULE DELTA HA					
21S/23E-35A01	M	227.0	10/18/84	82.8	144.2	5001
			01/30/85	64.3	162.7	
21S/23E-36J01	M		10/18/84	NM-3		5001
		230.0	01/30/85	43.8	186.2	
21S/24E-01L01	M	265.0	10/03/84	77.0	188.0	5001
			01/31/85	44.0	221.0	
21S/24E-01R01	M		10/18/84	NM-5		5001
		269.0	02/15/85	7.5	261.5	
21S/24E-11D01	M		10/18/84	NM-9		5001
		256.0	01/31/85	16.8	239.2	
21S/24E-13K01	M	263.0	10/18/84	11.3	251.7	5001
			01/31/85	11.9	251.1	
21S/24E-14H01	M	260.5	10/18/84	11.4	249.1	5001
			01/31/85	13.0	247.5	
21S/24E-14N01	M	255.0	10/19/84	9.0	246.0	5001
			01/31/85	10.7	244.3	
21S/24E-14P01	M	258.0	10/19/84	9.1	248.9	5001
			01/31/85	11.0	247.0	
21S/24E-14Q01	M	258.0	10/19/84	58.7	199.3	5001
			01/31/85	38.8	219.2	
21S/24E-15H01	M	253.0	10/19/84	15.2	237.8	5001
			01/31/85	14.0	239.0	
21S/24E-20L01	M	240.0	10/24/84	27.1	212.9	5001
			01/31/85	28.5	211.5	
21S/24E-21J02	M	247.0	10/24/84	17.1	229.9	5001
			01/31/85	19.3	227.7	
21S/24E-26C01	M	255.0	10/19/84	25.6	229.4	5001
			01/31/85	26.0	229.0	
21S/24E-27R01	M	250.5	10/24/84	66.0	184.5	5001
			01/31/85	51.6	198.9	
21S/24E-28H01	M	246.5	10/24/84	26.0	220.5	5001
			01/31/85	27.8	218.7	
21S/24E-29F01	M	239.5	10/24/84	26.7	211.8	5001
			01/31/85	27.5	211.0	
21S/24E-31A01	M		10/24/84	NM-9		5001
			01/31/85	NM-9		
21S/24E-31D01	M	229.0	10/24/84	26.1	202.9	5001
			01/31/85	27.3	201.7	
21S/24E-31D02	M	230.0	10/24/84	44.7	185.3	5001
			01/31/85	38.3	191.7	
21S/24E-31D03	M	230.0	10/24/84	86.2	143.8	5001
			01/31/85	65.5	164.5	
21S/24E-31D04	M	230.0	10/24/84	87.2	142.8	5001
			01/31/85	66.7	163.3	
21S/24E-32A02	M	241.5	10/24/84	45.8	195.7	5001
			01/31/85	43.1	198.4	
21S/24E-33J01	M	245.5	10/24/84	54.4	191.1	5001
			01/31/85	53.0	192.5	
21S/24E-35A01	M	256.0	10/24/84	50.2	205.8	5001
			01/31/85	48.2	207.8	
21S/24E-35M01	M		10/24/84	NM-3		5001
			01/31/85	NM-9		
21S/24E-35M02	M	251.0	10/24/84	61.0	190.0	5001
			01/31/85	60.6	190.4	
21S/24E-35M04	M		10/24/84	NM-3		5001
			01/31/85	NM-4		
21S/24E-36A01	M	263.0	10/19/84	46.4	216.6	5001
			01/31/85	45.5	217.5	
21S/25E-01B01	M	314.0	10/09/84	39.5	274.5	5001
			01/29/85	34.4	279.6	
21S/25E-01F01	M	314.0	10/12/84	27.2	286.8	5001
			01/29/85	26.0	288.0	
21S/25E-01H01	M	318.0	10/12/84	36.0	282.0	5001
			01/29/85	32.4	285.6	
21S/25E-03R01	M	301.0	10/09/84	21.9	279.1	5001
			01/28/85	22.6	278.4	
21S/25E-04A02	M	294.0	10/09/84	25.3	268.7	5001
			01/28/85	25.8	268.2	
21S/25E-05A02	M		10/09/84	NM-2		5001
			02/05/85	NM-2		
21S/25E-07R03	M		10/09/84	NM-2		5001
			02/05/85	NM-2		
21S/25E-08H01	M		10/09/84	NM-2		5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.L		TULE DELTA HA				
21S/25E-08H01	M		02/05/85	NM-2		5001
21S/25E-09A01	M		10/09/84	NM-2		5001
			02/05/85	NM-2		
21S/25E-10R01	M	295.0	10/09/84	30.4	264.6	5001
			01/29/85	22.8	272.2	
21S/25E-11C01	M	305.0	10/09/84	43.1	261.9	5001
			01/28/85	32.7	272.3	
21S/25E-13H02	M	320.5	10/09/84	21.2	299.3	5001
			01/29/85	13.9	306.6	
21S/25E-13N01	M	314.0	10/10/84	26.1	287.9	5001
			01/29/85	23.9	290.1	
21S/25E-14A01	M	310.0	10/09/84	14.3	295.7	5001
			01/29/85	15.6	294.4	
21S/25E-14J01	M	310.0	10/09/84	25.0	285.0	5001
			01/29/85	20.8	289.2	
21S/25E-15N01	M	289.0	10/10/84	40.4	248.6	5001
			02/05/85	26.2	262.8	
21S/25E-17A01	M	283.0	10/18/84	54.2	228.8	5001
			02/05/85	41.1	241.9	
21S/25E-19A01	M	274.5	10/18/84	62.3	212.2	5001
			02/05/85	49.3	225.2	
21S/25E-20R01	M		10/18/84	NM-4		5001
			02/05/85	NM-4		
21S/25E-22J01	M	297.5	10/10/84	51.8	245.7	5001
			02/05/85	42.2	255.3	
21S/25E-23R01	M	311.5	10/10/84	51.3	260.2	5001
			02/05/85	43.6	267.9	
21S/25E-25C01	M		10/10/84	NM-2		5001
			02/05/85	NM-2		
21S/25E-26N01	M	305.0	10/18/84	68.8	236.2	5001
			02/05/85	62.6	242.4	
21S/25E-28A01	M	291.0	10/10/84	59.3	231.7	5001
			02/15/85	45.5	245.5	
21S/25E-28R01	M	295.0	10/18/84	69.1	225.9	5001
			02/15/85	57.1	237.9	
21S/25E-29R01	M	284.0	10/18/84	68.7	215.3	5001
			02/15/85	54.8	229.2	
21S/25E-30D02	M	265.0	10/19/84	33.1	231.9	5001
			01/31/85	30.3	234.7	
21S/25E-33R01	M	295.0	10/15/84	83.4	211.6	5001
			02/05/85	70.4	224.6	
21S/25E-34F01	M	299.5	10/15/84	73.8	225.7	5001
			02/05/85	62.3	237.2	
21S/25E-35N01	M	308.0	10/12/84	80.8	227.2	5001
			02/05/85	76.0	232.0	
21S/25E-36R01	M	324.5	10/12/84	82.5	242.0	5001
			02/05/85	75.4	249.1	
21S/26E-03D01	M	353.0	10/04/84	20.1	332.9	5001
			02/01/85	21.3	331.7	
21S/26E-04A01	M	340.0	10/04/84	34.2	305.8	5001
			02/01/85	32.1	307.9	
21S/26E-04F01	M	340.0	10/04/84	30.9	309.1	5001
			02/01/85	26.0	314.0	
21S/26E-04Q01	M		10/12/84	NM-9		5001
			01/28/85	NM-4		
21S/26E-04R01	M	347.2	10/04/84	23.3	323.9	5001
			02/01/85	22.0	325.2	
21S/26E-05P01	M	335.0	10/08/84	29.3	305.7	5001
			01/28/85	28.0	307.0	
21S/26E-06A01	M	326.0	10/09/84	33.3	292.7	5001
			01/29/85	32.0	294.0	
21S/26E-06R01	M	328.0	10/09/84	53.8	274.2	5001
			01/29/85	48.3	279.7	
21S/26E-07A01	M	330.0	10/09/84	31.9	298.1	5001
			01/29/85	29.2	300.8	
21S/26E-08A01	M	338.0	10/09/84	30.9	307.1	5001
			01/28/85	28.5	309.5	
21S/26E-08P01	M	337.0	10/09/84	17.9	319.1	5001
			01/29/85	9.4	327.6	
			09/30/85	23.7	313.3	
21S/26E-08R01	M	340.0	10/09/84	18.5	321.5	5001
			01/29/85	15.5	324.5	
			09/30/85	27.9	312.1	
21S/26E-09D01	M	341.5	10/09/84	26.6	314.9	5001
			01/28/85	24.5	317.0	
21S/26E-09F01	M	346.0	10/09/84	22.5	323.5	5001
			01/28/85	19.0	327.0	
			09/30/85	29.7	316.3	
21S/26E-09R01	M	350.0	10/09/84	16.6	333.4	5001
			01/28/85	15.0	335.0	
			09/30/85	27.5	322.5	
21S/26E-10E01	M	350.0	10/09/84	19.2	330.8	5001
			01/28/85	18.0	332.0	
21S/26E-10R01	M	362.0	10/09/84	20.1	341.9	5001
			01/28/85	14.9	347.1	
21S/26E-11P01	M	366.5	10/04/84	18.1	348.4	5001
			01/31/85	14.0	352.5	
21S/26E-13R01	M	383.0	10/04/84	13.5	369.5	5001
			01/31/85	11.0	372.0	
21S/26E-15B02	M	359.0	10/09/84	20.2	338.8	5001
			01/28/85	13.6	345.4	
21S/26E-15F02	M	358.0	10/05/84	17.3	340.7	5001
			01/28/85	13.6	344.4	
21S/26E-16A01	M	353.0	10/08/84	12.6	340.4	5001
			01/28/85	13.4	339.6	
21S/26E-17N01	M	334.0	10/09/84	23.3	310.7	5001
			01/29/85	19.6	314.4	
21S/26E-18G01	M	325.5	10/09/84	18.5	307.0	5001
			01/29/85	10.3	315.2	
21S/26E-19J01	M	336.5	10/10/84	37.0	299.5	5001
			01/29/85	31.7	304.8	
21S/26E-20N01	M	339.0	10/10/84	33.9	305.1	5001
			01/29/85	30.4	308.6	
21S/26E-20R01	M	347.5	10/10/84	37.9	309.6	5001
			01/29/85	31.4	316.1	
21S/26E-21C01	M	348.0	10/10/84	25.9	322.1	5001
			01/29/85	23.3	324.7	
21S/26E-22AC1	M	367.0	10/10/84	22.4	344.6	5001
			01/29/85	16.4	350.6	
21S/26E-22C01	M	358.0	10/10/84	25.6	332.4	5001
			01/29/85	21.4	336.6	
21S/26E-24R01	M	395.0	10/04/84	18.0	377.0	5001
			01/31/85	16.0	379.0	
21S/26E-26R01	M	386.0	10/04/84	27.3	358.7	5001
			01/31/85	29.5	356.5	
21S/26E-29N01	M	339.5	10/10/84	58.8	280.7	5001
			02/07/85	55.1	284.4	
21S/26E-32A01	M	347.5	10/10/84	48.0	299.5	5001
			02/05/85	44.1	303.4	
21S/26E-35D01	M	374.0	10/10/84	42.1	331.9	5001
			02/05/85	38.7	335.3	
21S/27E-09F01	M	402.2	02/01/85	7.5	394.7	5001
21S/27E-09G01	M	405.0	10/04/84	11.6	393.4	5001
			10/05/84	9.0	396.0	
			01/31/85	12.0	393.0	
			02/01/85	10.5	394.5	
21S/27E-12FC1	M	475.0	10/05/84	71.0	404.0	5001
			02/01/85	43.1	431.9	
21S/27E-13N01	M	478.0	01/21/85	37.0	441.0	5001
			09/25/85	56.0	422.0	
21S/27E-13P01	M	483.0	01/22/85	42.5	440.5	5001
			09/24/85	60.7(2)	422.3	
21S/27E-17R01	M	405.0	10/04/84	8.5	396.5	5001
			01/22/85	7.8	397.2	
			01/31/85	10.5	394.5	
			09/24/85	9.1	395.9	
21S/27E-18R02	M	395.0	10/04/84	9.5	385.5	5001
			01/31/85	9.5	385.5	
21S/27E-20N01	M		10/04/84	NM-9		5001
			01/31/85	NM-9		
21S/27E-20Q01	M	408.0	10/04/84	11.0	397.0	5001
			01/31/85	9.5	398.5	
21S/27E-21AC1	M	413.0	01/22/85	12.3	400.7	5001
			09/24/85	17.2	395.8	
21S/27E-22B02	M	430.5	01/21/85	32.5	398.0	5001
			09/25/85	36.5	394.0	
21S/27E-22R04	M	434.0	10/15/84	120.0	314.0	3044
			01/15/85	84.0	350.0	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.L		TULE DELTA HA				
21S/27E-24L02	M	452.0	01/22/85	11.3	440.7	5001
			09/24/85	16.4	435.6	
21S/27E-24R01	M	462.0	01/21/85	37.0	425.0	5001
			09/25/85	55.0	407.0	
21S/27E-25B01	M	461.0	01/21/85	58.0	403.0	5001
			09/25/85	NM-1		
21S/27E-25M05	M	460.0	10/15/84	74.0	386.0	3044
			01/16/85	56.4	403.6	5001
21S/27E-28F01	M		01/22/85	NM-9		5001
		422.0	09/24/85	20.7	401.3	
21S/27E-29C01	M	407.0	01/22/85	10.3	396.7	5001
			09/24/85	13.6	393.4	
21S/27E-31J01	M	409.0	01/22/85	27.7	381.3	5001
			09/24/85	40.5	368.5	
21S/27E-32R02	M	422.0	10/04/84	22.9	399.1	5001
			01/31/85	22.5	399.5	
21S/27E-33B01	M	427.0	10/04/84	21.0	406.0	5001
			01/31/85	21.0	406.0	
21S/27E-33B03	M	426.0	01/22/85	17.3	408.7	5001
			09/24/85	21.4	404.6	
21S/27E-34J01	M	441.5	10/04/84	24.0	417.5	5001
			01/22/85	23.8	417.7	
			01/31/85	23.5	418.0	
			09/24/85	24.8	416.7	
21S/27E-36F01	M		10/15/84	NM-8		3044
		460.0	01/16/85	58.4	401.6	5001
21S/28E-19K02	M	610.0	01/22/85	82.1	527.9	5001
			09/24/85	83.5	526.5	
21S/28E-29N01	M	517.0	01/21/85	32.5	484.5	5001
			09/25/85	36.5	480.5	
21S/28E-30Q01	M	490.0	01/22/85	21.4	468.6	5001
			09/24/85	26.7	463.3	
21S/28E-31Q01	M	460.0	01/22/85	15.6	444.4	5001
			09/24/85	15.5	444.5	
21S/28E-32J02	M	495.0	10/15/84	18.0	477.0	3044
			01/16/85	24.5	470.5	5001
21S/28E-33C01	M	540.0	01/22/85	9.9	530.1	5001
			09/24/85	11.4	528.6	
22S/23E-01F01	M	225.0	10/18/84	45.4	179.6	5001
			01/30/85	42.2	182.8	
22S/23E-02D01	M	218.5	10/18/84	19.0	199.5	5001
			01/30/85	18.1	200.4	
22S/23E-05G01	M	205.0	10/18/84	15.4	189.6	5001
			01/30/85	15.3	189.7	
22S/23E-06B02	M	206.0	10/18/84	10.7	195.3	5001
			01/30/85	11.5	194.5	
22S/23E-07R01	M	200.5	10/24/84	10.0	190.5	5001
			01/30/85	9.6	190.9	
22S/23E-08A01	M	208.0	10/24/84	28.5	179.5	5001
			01/30/85	25.1	182.9	
22S/23E-09A01	M	210.5	10/24/84	19.6	190.9	5001
			01/30/85	19.1	191.4	
22S/23E-12A01	M	225.5	10/18/84	68.2	157.3	5001
			01/30/85	61.7	163.8	
22S/23E-13R01	M	222.5	10/25/84	99.8	122.7	5001
			01/30/85	89.4	133.1	
22S/23E-15K01	M	208.0	10/24/84	51.7	156.3	5001
			01/30/85	46.2	161.8	
22S/23E-16C01	M	205.0	10/18/84	29.8	175.2	5001
			01/30/85	24.7	180.3	
22S/23E-18A01	M	200.0	10/24/84	11.9	188.1	5001
			01/30/85	11.3	188.7	
22S/23E-31A01	M	196.0	10/30/84	15.0	181.0	5050
			02/22/85	13.5	182.5	5001
22S/23E-33A05	M		10/09/84	NM-4		5001
			02/01/85	NM-9		
			09/27/85	NM-7		
22S/24E-01A01	M	266.0	10/24/84	63.7	202.3	5001
			01/31/85	62.3	203.7	
22S/24E-01Q01	M	268.5	10/18/84	107.5	161.0	5001
			01/31/85	91.7	176.8	
22S/24E-02J02	M	258.5	10/25/84	81.0	177.5	5001
			01/31/85	78.9	179.6	
22S/24E-03A01	M		10/25/84	NM-3		5001

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.L		TULE DELTA HA				
22S/24E-03A01	M		01/31/85	NM-3		5001
22S/24E-03R01	M		10/25/84	NM-7		5001
		252.0	01/31/85	90.6	161.4	
22S/24E-04A02	M	246.0	10/25/84	66.9	179.1	5001
			01/31/85	63.8	182.2	
22S/24E-06A03	M		10/25/84	NM-3		5001
			01/31/85	NM-3		
22S/24E-07A01	M	231.0	10/25/84	76.3	154.7	5001
			01/31/85	71.3	159.7	
22S/24E-09A01	M		10/25/84	NM-7		5001
		244.0	01/31/85	98.7	145.3	
22S/24E-09R01	M	245.0	10/25/84	120.6	124.4	5001
			01/31/85	113.3	131.7	
22S/24E-11A04	M	262.0	10/25/84	97.0	165.0	5001
			01/31/85	91.7	170.3	
22S/24E-12H01	M	269.0	10/25/84	83.6	185.4	5001
			01/31/85	82.1	186.9	
22S/24E-14R01	M	256.0	10/25/84	121.7	134.3	5001
			01/31/85	116.4	139.6	
22S/24E-15A01	M	251.5	10/25/84	124.8	126.7	5001
			01/31/85	119.2	132.3	
22S/24E-16B01	M	241.5	10/25/84	130.2	111.3	5001
			01/31/85	109.5	132.0	
22S/24E-17A01	M	236.5	10/25/84	117.1	119.4	5001
			01/31/85	107.9	128.6	
22S/24E-18R01	M	229.0	10/25/84	118.6	110.4	5001
			01/30/85	105.6	123.4	
22S/24E-23J01	M	252.0	10/09/84	137.0	115.0	5001
			02/01/85	117.0	135.0	
			09/23/85	129.0	123.0	
22S/24E-26C02	M	247.0	10/09/84	141.0	106.0	5001
			02/01/85	131.0	116.0	
			09/23/85	148.0	99.0	
22S/24E-27A01	M	245.0	10/09/84	143.0	102.0	5001
			02/15/85	130.0	115.0	
			09/23/85	NM-1		
22S/24E-33A03	M		10/09/84	NM-4		5001
			02/01/85	NM-3		
			09/23/85	NM-1		
22S/24E-34R01	M	238.0	10/09/84	140.0	98.0	5001
			02/15/85	133.0	105.0	
			09/23/85	144.0	94.0	
22S/24E-35H01	M	246.0	10/09/84	147.0	99.0	5001
			02/01/85	133.0	113.0	
			09/23/85	NM-3		
22S/24E-36J01	M	255.0	10/09/84	148.5	106.5	5001
			02/01/85	119.5	135.5	
			09/23/85	177.5	77.5	
22S/25E-01F01	M	321.0	10/12/84	92.8	228.2	5001
			02/05/85	80.7	240.3	
22S/25E-05R01	M	285.0	10/18/84	100.2	184.8	5001
			02/05/85	87.5	197.5	
22S/25E-08N01	M	275.0	10/18/84	78.4	197.6	5001
			02/05/85	70.3	205.7	
22S/25E-09D02	M	287.5	10/18/84	101.8	185.7	5001
			02/05/85	87.7	199.8	
22S/25E-10E01	M	296.0	10/15/84	78.9	217.1	5001
			02/05/85	78.0	218.0	
22S/25E-12A02	M	323.0	10/15/84	98.0	225.0	5001
			02/05/85	90.6	232.4	
22S/25E-13A01	M	322.0	10/15/84	125.7	196.3	5001
			02/05/85	105.5	216.5	
22S/25E-14A01	M	310.0	10/15/84	101.1	208.9	5001
			02/05/85	100.0	210.0	
22S/25E-15A01	M	303.0	10/15/84	119.6	183.4	5001
			02/05/85	103.9	199.1	
22S/25E-15R01	M	297.5	10/15/84	115.4	182.1	5001
			02/05/85	107.3	190.2	
22S/25E-18D01	M	271.5	10/18/84	119.7	151.8	5001
			01/31/85	104.1	167.4	
22S/25E-19A03	M	270.0	10/09/84	105.0	165.0	5001
			02/01/85	99.0	171.0	
			09/23/85	107.0	163.0	
22S/25E-21H01	M	286.0	10/09/84	111.5	174.5	5001
			02/15/85	102.5	183.5	
			09/24/85	119.5	166.5	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.L		TULE DELTA HA				
22S/25E-22E01	M	287.0	10/09/84	112.0	175.0	50C1
			02/15/85	108.0	179.0	
			09/24/85	112.0	175.0	
22S/25E-24R01	M		10/09/84	NM-3		5001
			02/15/85	NM-3		
			09/24/85	NM-1		
22S/25E-25H01	M	310.0	10/09/84	182.0(2)	128.0	5001
			02/15/85	176.0	134.0	
			09/24/85	NM-9		
22S/25E-25N03	M		10/09/84	NM-4		5001
			02/15/85	NM-4		
			09/24/85	NM-1		
22S/25E-26D01	M		10/09/84	NM-3		5001
			02/15/85	NM-3		
			09/24/85	NM-3		
22S/25E-28Q02	M	277.0	10/09/84	134.0	143.0	5001
			02/15/85	130.0	147.0	
			09/24/85	137.0	140.0	
22S/25E-28Q03	M	277.0	10/09/84	135.0	142.0	5001
			02/15/85	130.0	147.0	
			09/24/85	137.0	140.0	
22S/25E-29E01	M	267.0	10/09/84	141.0	126.0	5001
			02/01/85	128.0	139.0	
			09/23/85	151.0	116.0	
22S/25E-33P01	M		10/09/84	NM-2		5001
			02/15/85	NM-2		
			09/24/85	NM-2		
22S/25E-36H01	M	322.0	10/09/84	175.0	147.0	5001
			02/15/85	151.0	171.0	
			09/24/85	NM-1		
22S/26E-01J01	M	395.0	10/04/84	54.2	340.8	5001
			01/31/85	43.5	351.5	
22S/26E-03H02	M	372.0	10/15/84	49.4	322.6	5001
			02/01/85	47.8	324.2	
22S/26E-04J01	M	360.0	10/15/84	67.1	292.9	5001
			02/01/85	64.4	295.6	
22S/26E-05C02	M	345.0	10/15/84	85.8	259.2	5001
			02/01/85	69.0	276.0	
22S/26E-05P01	M	342.5	10/12/84	85.9	256.6	50C1
			02/01/85	80.6	261.9	
22S/26E-06A01	M	337.0	10/01/84	75.1	261.9	5001
			01/30/85	69.5	267.5	
22S/26E-07A01	M	335.0	10/15/84	94.3	240.7	50C1
			02/01/85	87.6	247.4	
22S/26E-07J01	M	336.0	10/01/84	101.0	235.0	5001
			01/30/85	90.5	245.5	
22S/26E-07Q01	M	327.0	10/01/84	106.6	220.4	5001
			01/30/85	101.5	225.5	
22S/26E-08C01	M	340.0	10/01/84	75.6	264.4	5001
			01/30/85	67.5	272.5	
22S/26E-09R01	M	354.0	10/01/84	76.0	278.0	5001
			01/30/85	72.0	282.0	
22S/26E-09J02	M	361.0	10/15/84	82.3	278.7	5001
			02/01/85	78.4	282.6	
22S/26E-10J01	M	373.0	10/15/84	77.3	295.7	50C1
			02/01/85	73.1	299.9	
22S/26E-11A01	M		10/15/84	NM-2		5001
			02/01/85	NM-2		
22S/26E-11D01	M	371.0	10/15/84	56.3	314.7	5001
			02/01/85	53.2	317.8	
22S/26E-12A01	M	395.0	10/15/84	55.2	339.8	5001
			02/01/85	47.2	347.8	
22S/26E-12B01	M	389.0	10/01/84	53.0	336.0	5001
			01/30/85	52.5	336.5	
22S/26E-13A01	M	399.0	10/01/84	87.5	311.5	5001
			01/30/85	74.1	324.9	
22S/26E-13C01	M	391.0	10/01/84	82.5	308.5	5001
			01/30/85	73.5	317.5	
22S/26E-13J01	M		10/01/84	NM-1		50C1
		400.0	01/30/85	72.5	327.5	
22S/26E-13R01	M	400.0	10/03/84	89.0	311.0	5001
			01/30/85	91.0	309.0	
22S/26E-14A01	M	386.0	10/15/84	85.0	301.0	5001
			02/01/85	77.0	309.0	
22S/26E-15J01	M		10/03/84	NM-1		5001
		371.0	02/01/85	90.5	280.5	
22S/26E-16C01	M	352.0	10/01/84	99.1	252.9	5001
			01/30/85	95.5	256.5	
22S/26E-17C01	M		10/01/84	NM-4		5001
			01/30/85	NM-0		
22S/26E-18A01	M	331.5	10/15/84	112.8	218.7	5001
			02/01/85	102.1	229.4	
22S/26E-19H01	M	329.8	10/09/84	156.5	173.3	5001
			02/15/85	130.5	199.3	
			09/24/85	151.5	178.3	
22S/26E-24A01	M	402.0	10/01/84	97.6	304.4	5001
			01/30/85	74.0	328.0	
22S/26E-25J01	M	406.0	10/01/84	52.0	354.0	5001
			01/31/85	62.5	343.5	
22S/26E-26A01	M	387.0	10/01/84	107.5	279.5	5001
			01/30/85	105.5	281.5	
22S/26E-29A01	M	346.0	10/03/84	144.5	201.5	5001
			01/31/85	125.5	220.5	
22S/26E-33H01	M	359.0	10/03/84	137.5	221.5	5001
			01/31/85	133.0	226.0	
22S/26E-34H01	M	375.0	10/03/84	96.5	278.5	5001
			01/31/85	95.0	280.0	
22S/26E-34R01	M	376.0	10/03/84	116.0	260.0	5001
			01/31/85	114.5	261.5	
22S/26E-35A01	M	390.0	10/03/84	72.0	318.0	5001
			01/31/85	72.0	318.0	
22S/27E-01R01	M	490.0	01/21/85	101.0	389.0	5001
			09/25/85	NM-1		
22S/27E-02B02	M	447.0	10/15/84	161.0	286.0	3044
			01/16/85	47.1	399.9	5001
22S/27E-04A01	M	432.0	10/04/84	21.0	411.0	5001
			01/22/85	21.9	410.1	
			01/31/85	22.0	410.0	
			09/24/85	23.1	408.9	
22S/27E-07A01	M	414.0	01/22/85	83.3	330.7	5001
			09/24/85	117.0	297.0	
22S/27E-10R01	M	466.8	01/22/85	106.1	360.7	5001
			09/24/85	97.0	369.8	
22S/27E-12R02	M	500.0	01/22/85	137.8	362.2	5001
			09/24/85	136.2	363.8	
22S/27E-13A01	M	496.0	01/21/85	142.0	354.0	5001
			09/25/85	NM-1		
22S/27E-13C01	M	495.0	01/21/85	119.0	376.0	5001
			09/25/85	127.0	368.0	
22S/27E-14A01	M	483.0	01/21/85	123.0	360.0	5001
			09/25/85	NM-1		
22S/27E-14R01	M	490.0	01/22/85	119.0	371.0	5001
			09/25/85	148.0	342.0	
22S/27E-15L01	M	455.5	01/22/85	130.4	325.1	5001
			09/24/85	168.1	287.4	
22S/27E-16P01	M		01/22/85	NM-4		5001
			09/26/85	NM-3		
22S/27E-17A03	M	428.0	01/22/85	116.5	311.5	5001
			09/24/85	122.3	305.7	
22S/27E-20P02	M	430.0	01/22/85	230.0	200.0	5001
			09/26/85	368.0	62.0	
22S/27E-24B02	M	509.0	01/21/85	116.0	393.0	5001
			09/25/85	NM-1		
22S/27E-24C01	M	500.0	01/22/85	111.0	389.0	5001
			09/25/85	NM-1		
22S/27E-25J03	M	532.0	10/03/84	94.0	438.0	5001
			01/25/85	84.0	448.0	
			09/26/85	87.0	445.0	
22S/27E-26J01	M	508.0	10/03/84	179.0	329.0	5001
			01/25/85	132.0	376.0	
			09/26/85	NM-1		
22S/27E-28C01	M		01/22/85	NM-4		5001
			09/25/85	NM-1		
22S/27E-30R01	M	407.5	10/01/84	31.1	376.4	5001
			01/31/85	32.0	375.5	
22S/27E-31B01	M	413.5	01/22/85	69.5	344.0	5001
			09/25/85	88.5	325.0	
22S/27E-32F01	M	427.0	01/22/85	158.0	269.0	5001
			09/25/85	160.0	267.0	
22S/27E-33P01	M	450.0	01/22/85	249.5	200.5	5001
			09/25/85	270.5	179.5	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.L		TULE DELTA HA				
22S/27E-34Q01	M		10/03/84	NM-2		5001
			01/25/85	NM-1		
			09/26/85	NM-1		
22S/27E-36B01	M		10/03/84	NM-1		5001
			01/25/85	NM-4		
			09/26/85	NM-9		
22S/27E-36N01	M	513.0	10/03/84	277.0	236.0	5001
			01/25/85	290.0	223.0	
			09/26/85	267.0	246.0	
22S/28E-03A01	M	560.0	01/22/85	38.3	521.7	5001
			09/24/85	45.9	514.1	
			09/25/85	44.0	516.0	
22S/28E-03H01	M	563.0	01/22/85	40.0	523.0	5001
			09/25/85	43.0	520.0	
22S/28E-04J01	M	583.0	01/22/85	79.5	503.5	5001
			09/25/85	155.5	427.5	
22S/28E-04Q01	M	580.0	01/22/85	50.1	529.9	5001
			09/24/85	68.1	511.9	
22S/28E-05K02	M	543.0	01/22/85	61.7	481.3	5001
			09/24/85	NM-1		
22S/28E-05L01	M	530.0	01/21/85	82.0	448.0	5001
			09/25/85	86.0	444.0	
22S/28E-07Q01	M	525.0	01/21/85	118.0	407.0	5001
			09/25/85	119.0	406.0	
22S/28E-11M01	M	690.0	01/21/85	8.5	681.5	5001
			09/25/85	15.5	674.5	
22S/28E-12N01	M	830.0	01/21/85	10.5	819.5	5001
			09/25/85	NM-1		
22S/28E-16Q01	M	574.5	01/21/85	34.5	540.0	5001
			09/25/85	65.5	509.0	
22S/28E-18A01	M		01/21/85	DRY		5001
			09/25/85	NM-7		
22S/28E-31F01	M	560.0	10/03/84	115.0	445.0	5001
			01/25/85	114.0	446.0	
			09/26/85	126.0	434.0	
23S/23E-02A01	M	211.5	10/09/84	108.5	103.0	5001
			02/11/85	NM-1		
			09/27/85	136.5	75.0	
23S/23E-03C05	M	197.0	10/02/84	118.5	78.5	5001
			01/25/85	112.5	84.5	
			09/25/85	135.5	61.5	
23S/23E-33A01	M	210.0	10/02/84	7.5	202.5	5001
			01/25/85	15.5	194.5	
			09/25/85	10.5	199.5	
23S/23E-33A02	M	210.0	10/02/84	72.5	137.5	5001
			01/25/85	7.5	202.5	
			09/25/85	58.5	151.5	
23S/24E-07G01	M	212.5	10/09/84	69.5	143.0	5001
			02/11/85	69.5	143.0	
			09/27/85	67.5	145.0	
23S/24E-10A01	M		10/09/84	NM-3		5001
			02/11/85	NM-3		
			09/27/85	NM-3		
23S/24E-11A02	M		10/09/84	NM-3		5001
			02/11/85	NM-4		
			09/27/85	NM-4		
23S/24E-12P02	M	248.5	10/09/84	149.5	99.0	5001
			02/11/85	115.5	133.0	
			09/27/85	180.5	68.0	
23S/24E-14H01	M		10/09/84	NM-1		5001
			02/15/85	NM-4		
			09/27/85	NM-4		
23S/24E-16J01	M	223.0	10/09/84	50.0	173.0	5001
			02/15/85	43.0	180.0	
			09/27/85	43.0	180.0	
23S/24E-16R01	M	222.0	10/09/84	112.5	109.5	5001
			02/15/85	102.5	119.5	
			09/27/85	118.5	103.5	
23S/24E-16R03	M	222.0	10/09/84	92.0	130.0	5001
			02/15/85	90.0	132.0	
			09/27/85	90.0	132.0	
23S/24E-16R04	M	222.0	10/09/84	126.0	96.0	5001
			02/15/85	100.0	122.0	
			09/27/85	140.0	82.0	
23S/24E-28A01	M		10/09/84	NM-7		5001
			02/15/85	NM-3		
		220.0	09/27/85	67.0	153.0	
23S/24E-28J02	M	219.0	10/09/84	87.0	132.0	5001
			02/11/85	77.0	142.0	
			09/27/85	94.0	125.0	
23S/24E-35A02	M	235.0	10/02/84	163.0	72.0	5001
			01/25/85	112.0	123.0	
			09/25/85	181.0	54.0	
23S/24E-36A02	M	247.0	10/02/84	157.5	89.5	5001
			01/25/85	104.5	142.5	
			09/27/85	180.5	66.5	
23S/25E-02C01	M		10/09/84	NM-4		5001
			02/12/85	NM-4		
			09/27/85	NM-4		
23S/25E-03K01	M	290.0	10/09/84	168.5	121.5	5001
			02/15/85	128.5	161.5	
			09/24/85	187.5	102.5	
23S/25E-05H01	M	272.0	10/09/84	157.5	114.5	5001
			02/15/85	124.5	147.5	
			09/24/85	NM-9		
23S/25E-06C01	M	256.0	10/09/84	148.0	108.0	5001
			02/01/85	118.0	138.0	
			09/23/85	180.0	76.0	
23S/25E-09F02	M		10/09/84	NM-3		5001
			02/12/85	NM-3		
			09/24/85	NM-3		
23S/25E-09Q02	M	278.0	10/09/84	159.5	118.5	5001
			02/12/85	114.5	163.5	
			09/24/85	178.5	99.5	
23S/25E-09Q03	M	278.0	10/09/84	154.5	123.5	5001
			02/12/85	131.5	146.5	
			09/24/85	166.5	111.5	
23S/25E-10F01	M	289.0	10/09/84	159.0	129.0	5001
			02/12/85	119.0	169.0	
			09/24/85	182.0	106.0	
23S/25E-15J02	M	291.0	10/09/84	144.0	147.0	5001
			02/12/85	126.0	165.0	
			09/24/85	158.0	133.0	
23S/25E-17J01	M		10/09/84	NM-2		5001
			02/11/85	NM-2		
			09/27/85	NM-2		
23S/25E-19D01	M	251.0	10/09/84	96.0	155.0	5001
			02/11/85	83.0	168.0	
			09/27/85	107.0	144.0	
23S/25E-20M01	M		10/09/84	NM-4		5001
			02/11/85	NM-4		
			09/27/85	NM-4		
23S/25E-24H01	M		10/09/84	NM-4		5001
			02/11/85	NM-9		
			09/27/85	NM-4		
23S/25E-26K01	M	302.0	10/02/84	141.0	161.0	5001
			01/28/85	107.0	195.0	
23S/25E-28F01	M	271.0	10/02/84	62.0	209.0	5001
			01/28/85	53.0	218.0	
23S/25E-28J02	M	279.5	10/02/84	54.0	225.5	5001
			01/28/85	57.0	222.5	
23S/25E-30BC1	M	253.0	10/09/84	67.0	186.0	5001
			02/11/85	61.0	192.0	
			09/27/85	73.0	180.0	
23S/25E-30H02	M	255.0	10/09/84	73.0	182.0	5001
			02/11/85	NM-4		
			09/27/85	86.0	169.0	
23S/25E-32H01	M	272.0	10/02/84	118.5	153.5	5001
			01/28/85	98.5	173.5	
23S/25E-34G02	M	293.0	10/02/84	74.5	218.5	5001
			01/28/85	72.5	220.5	
23S/25E-35G01	M	311.0	10/02/84	119.0	192.0	5001
			01/28/85	99.0	212.0	
23S/25E-36H01	M	330.5	10/05/84	149.0	181.5	5001
			01/28/85	NM-1		
23S/26E-01J01	M		02/22/85	NM-9		5050
23S/26E-05G01	M	342.0	10/01/84	124.0	218.0	5001
			01/31/85	130.0	212.0	
23S/26E-09C01	M	350.0	10/01/84	134.0	216.0	5001
			01/31/85	125.5	224.5	
23S/26E-10H01	M	385.0	10/01/84	147.5	237.5	5001
			01/31/85	152.0	233.0	
23S/26E-12J01	M	419.0	10/02/84	161.0	258.0	5001
			01/22/85	174.0	245.0	
			09/27/85	177.0	242.0	
23S/26E-15P01	M		10/05/84	NM-1		5001
		389.0	01/28/85	160.0	229.0	
23S/26E-16J01	M	375.0	10/05/84	210.0	165.0	5001
			01/28/85	162.0	213.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.L		TULE DELTA HA				
23S/26E-19R01	M	339.0	10/02/84	169.0	170.0	5001
			01/28/85	133.0	206.0	
23S/26E-22R01	M	403.5	10/02/84	158.0	245.5	5001
			01/28/85	142.0	261.5	
23S/26E-23H01	M		10/01/84	NM-1		5001
			02/13/85	NM-4		
23S/26E-23J01	M		10/01/84	NM-1		5001
		423.0	10/02/84	309.0	114.0	
			01/29/85	226.0	197.0	
			02/13/85	NM-4		
23S/26E-25H01	M	455.0	01/22/85	314.0	141.0	5001
			09/26/85	354.0	101.0	
23S/26E-25L01	M		10/01/84	NM-1		5001
		445.0	02/13/85	275.0(9)	170.0	
23S/26E-25Q01	M		10/01/84	NM-1		5001
			02/13/85	NM-7		
23S/26E-27E01	M	385.5	10/02/84	125.5	260.0	5001
			01/29/85	117.5	268.0	
23S/26E-29P01	M	356.5	10/05/84	140.5	216.0	5001
			01/31/85	125.5	231.0	
23S/26E-30K01	M		10/05/84	NM-1		5001
		338.0	02/01/85	123.0	215.0	
23S/26E-31H01	M	348.0	10/02/84	171.0	177.0	5001
			01/29/85	138.0	210.0	
23S/26E-32J01	M		10/02/84	NM-1		5001
		371.0	01/29/85	126.0	245.0	
23S/26E-33J01	M	394.0	10/03/84	147.0	247.0	5001
			01/29/85	131.0	263.0	
23S/26E-34Q01	M	408.0	10/03/84	153.0	255.0	5001
			01/28/85	143.0	265.0	
23S/26E-35H01	M	436.0	10/01/84	324.0(9)	112.0	5001
			10/03/84	NM-1		
			01/28/85	NM-9		
			02/13/85	203.0(9)	233.0	
23S/26E-36A01	M	456.0	10/01/84	328.0(9)	128.0	5001
			02/13/85	NM-4		
23S/26E-36J02	M		10/01/84	NM-1		5001
		460.0	02/13/85	314.0(9)	146.0	
23S/26E-36L01	M	451.0	10/01/84	307.0(9)	144.0	5001
			02/13/85	NM-7		
23S/27E-09G01	M	479.0	01/22/85	198.5	280.5	5001
			09/26/85	247.5	231.5	
23S/27E-09J02	M	494.0	01/23/85	226.5	267.5	5001
			09/26/85	224.5	269.5	
23S/27E-15M01	M	502.0	01/23/85	334.0	168.0	5001
			09/27/85	314.0	188.0	
23S/27E-16K01	M	500.0	01/23/85	332.0	168.0	5001
			09/27/85	NM-2		
23S/27E-25E02	M	593.0	01/23/85	456.5	136.5	5001
			09/27/85	463.5	129.5	
23S/27E-27G01	M		02/22/85	NM-7		5050
23S/27E-28L01	M	520.0	01/23/85	497.5	22.5	5001
			09/27/85	NM-9		
23S/27E-29F01	M	494.0	01/23/85	176.5	317.5	5001
			09/26/85	434.5	59.5	
23S/27E-31B01	M	481.0	10/01/84	443.0(9)	38.0	5001
			02/13/85	355.0(9)	126.0	
23S/27E-31E01	M		10/01/84	NM-7		5001
		468.0	02/13/85	339.0(9)	129.0	
23S/27E-32C01	M	498.0	10/01/84	457.0(9)	41.0	5001
			02/13/85	NM-7		
23S/27E-32C02	M		10/01/84	NM-7		5001
		500.0	02/13/85	368.0(9)	132.0	
23S/27E-32K02	M	505.0	01/23/85	109.0	396.0	5001
			09/26/85	175.0	330.0	
23S/27E-33B01	M	527.0	10/01/84	492.5(9)	34.5	5001
			02/13/85	420.5(9)	106.5	
23S/27E-34E01	M		10/01/84	NM-1		5001
			02/13/85	NM-4		
23S/27E-34F01	M		10/01/84	NM-1		5001
			02/13/85	NM-7		
24S/23E-05R02	M	210.0	10/03/84	201.0	9.0	5001
			01/23/85	NM-3		
			09/26/85	235.0	-25.0	
24S/23E-15R01	M	209.0	10/31/84	197.0(9)	12.0	5050
			02/22/85	NM-1		5001
24S/23E-22E01	M	205.0	10/03/84	91.5	113.5	5001
			01/25/85	75.5	129.5	
			09/23/85	76.5	128.5	
24S/23E-22R02	M	209.0	10/31/84	203.0(9)	6.0	5050
			02/22/85	NM-1		5001
24S/23E-31N01	M	211.0	10/31/84	210.0(9)	1.0	5050
			02/22/85	172.0(9)	39.0	5001
24S/24E-03A01	M		10/31/84	NM-9		5001
		222.0	02/22/85	124.0(9)	98.0	
24S/24E-04E02	M	206.0	10/31/84	157.0(9)	49.0	5050
			02/22/85	134.0(9)	72.0	5001
24S/24E-04R01	M		10/31/84	NM-4		5001
		212.0	02/22/85	126.0(9)	86.0	
24S/24E-12H01	M		10/03/84	NM-1		5001
		244.0	01/25/85	46.0	198.0	
			09/23/85	52.0	192.0	
24S/24E-14J01	M	233.0	10/02/84	67.0	166.0	5001
			01/25/85	47.0	186.0	
			09/23/85	42.0	191.0	
24S/24E-20A01	M	213.0	10/03/84	122.0	91.0	5001
			01/25/85	95.0	118.0	
			09/23/85	120.0	93.0	
24S/24E-20A02	M	213.0	10/31/84	150.0(9)	63.0	5050
			02/22/85	147.0(9)	66.0	5001
24S/24E-20R01	M	218.0	10/03/84	223.0	-5.0	5001
			01/25/85	160.0	58.0	
			09/23/85	198.0	20.0	
24S/24E-21G01	M	219.0	10/31/84	187.0(9)	32.0	5050
			02/22/85	NM-1		5001
24S/24E-22R01	M		10/03/84	NM-2		5001
		233.0	01/25/85	72.5	160.5	
			09/23/85	170.5	62.5	
24S/24E-25F01	M	249.0	10/02/84	111.0	138.0	5001
			01/25/85	90.0	159.0	
			09/23/85	79.0	170.0	
24S/24E-25J01	M	249.0	10/31/84	62.0	187.0	5050
			02/22/85	NM-9		5001
24S/24E-32K02	M	225.0	10/03/84	112.5	112.5	5001
			01/25/85	83.5	141.5	
			09/23/85	112.5	112.5	
24S/24E-34F01	M	232.0	10/03/84	70.0	162.0	5001
			01/25/85	57.0	175.0	
			09/23/85	69.0	163.0	
24S/25E-03C01	M	295.0	10/03/84	84.0	211.0	5001
			01/29/85	82.0	213.0	
24S/25E-04F01	M	280.0	10/03/84	91.5	188.5	5001
			01/29/85	82.5	197.5	
24S/25E-05H01	M	272.0	10/02/84	103.2	168.8	5001
			01/25/85	91.5	180.5	
			09/23/85	157.5	114.5	
24S/25E-08F01	M		10/31/84	NM-4		5001
			02/22/85	NM-1		
24S/25E-09E01	M	278.0	10/03/84	89.0	189.0	5001
			01/30/85	81.0	197.0	
24S/25E-10A01	M	304.0	10/04/84	103.5	200.5	5001
			01/29/85	88.5	215.5	
24S/25E-11A01	M	324.0	10/04/84	107.0	217.0	5001
			01/30/85	101.0	223.0	
24S/25E-11R01	M	324.0	10/04/84	127.0	197.0	5001
			01/30/85	106.0	218.0	
24S/25E-13D02	M		10/01/84	NM-7		5001
		328.0	02/13/85	136.0(9)	192.0	
24S/25E-13F01	M	333.0	10/01/84	152.0(9)	181.0	5001
			02/13/85	130.0(9)	203.0	
24S/25E-14C01	M	313.0	10/04/84	142.0	171.0	5001
			01/29/85	103.0	210.0	
24S/25E-15C02	M		10/04/84	NM-1		5001
		295.0	01/29/85	64.0	231.0	
24S/25E-16B01	M	285.0	10/04/84	72.0	213.0	5001
			01/30/85	68.0	217.0	
24S/25E-17P01	M	267.5	10/02/84	72.0	195.5	5001
			01/25/85	61.0	206.5	
			09/23/85	72.0	195.5	
24S/25E-20N01	M	267.5	10/02/84	52.5	215.0	5001
			01/25/85	46.5	221.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.L		TULE DELTA HA				
24S/25E-20N01	M	267.5	09/23/85	56.5	211.0	5001
24S/25E-20R01	M	279.0	10/02/84	54.0	225.0	5001
			01/25/85	49.0	230.0	
			09/23/85	56.0	223.0	
24S/25E-21P01	M	284.0	10/04/84	60.5	223.5	5001
			01/30/85	53.5	230.5	
24S/25E-22B01	M	298.0	10/04/84	60.0	238.0	5001
			01/30/85	58.0	240.0	
24S/25E-22R01	M	303.0	10/04/84	94.0	209.0	5001
			01/30/85	NM-9		
24S/25E-25H02	M	348.0	10/04/84	94.0	252.0	5001
			01/30/85	85.0	261.0	
24S/25E-25P01	M	340.5	10/04/84	49.0	291.5	5001
			01/30/85	47.0	293.5	
24S/25E-26R01	M	327.0	10/04/84	59.0	268.0	5001
			01/31/85	69.0	258.0	
24S/25E-28P01	M	286.0	10/04/84	45.0	241.0	5001
			01/31/85	42.0	244.0	
24S/25E-30D01	M	256.0	10/31/84	57.0	199.0	5050
			02/22/85	60.0	196.0	5001
24S/25E-33J01	M	292.0	10/04/84	35.5	256.5	5001
			01/31/85	38.5	253.5	
24S/25E-34P02	M	303.0	10/03/84	36.5	266.5	5001
			01/31/85	34.5	268.5	
24S/25E-35A01	M	328.0	10/05/84	89.5	238.5	5001
			01/31/85	70.5	257.5	
24S/25E-35D01	M	315.0	10/05/84	122.5	192.5	5001
			01/31/85	81.5	233.5	
24S/25E-35P01	M	320.0	10/05/84	44.0	276.0	5001
			01/31/85	45.0	275.0	
24S/25E-36H01	M	355.0	10/05/84	57.5	297.5	5001
			01/31/85	55.5	299.5	
24S/25E-36J01	M		10/05/84	NM-1		5001
			01/31/85	NM-9		
24S/26E-01A01	M	463.0	10/03/84	393.0	70.0	5001
			01/25/85	NM-4		
			09/27/85	NM-1		
24S/26E-01F01	M	454.0	10/01/84	362.0(9)	92.0	5001
			02/13/85	179.0(9)	275.0	
24S/26E-01R01	M	468.0	10/01/84	361.5(9)	106.5	5001
			02/13/85	NM-7		
24S/26E-02H01	M	440.0	10/01/84	313.0(9)	127.0	5001
			02/13/85	234.0(9)	206.0	
24S/26E-02P01	M		10/01/84	NM-7		5001
		435.0	10/05/84	281.5	153.5	
			01/31/85	210.5	224.5	
			02/13/85	NM-7		
24S/26E-02R01	M		10/01/84	NM-1		5001
			02/13/85	NM-7		
24S/26E-03A01	M		10/01/84	NM-1		5001
		419.0	02/13/85	179.0(9)	240.0	
24S/26E-03J01	M	422.0	10/01/84	274.0(9)	148.0	5001
			02/13/85	NM-7		
24S/26E-03P02	M		10/01/84	NM-7		5001
		411.0	02/13/85	180.0(9)	231.0	
24S/26E-04P01	M		10/01/84	NM-1		5001
		387.0	02/13/85	154.0(9)	233.0	
24S/26E-04P01	M		10/01/84	NM-1		5001
			10/05/84	NM-1		
		400.0	01/31/85	156.0	244.0	
			02/13/85	NM-7		
24S/26E-05R01	M	376.0	10/05/84	144.0	232.0	5001
			01/30/85	138.0	238.0	
24S/26E-07R01	M	363.0	02/22/85	129.0(9)	234.0	5050
24S/26E-07R02	M	362.0	10/05/84	115.0	247.0	5001
			01/31/85	113.0	249.0	
24S/26E-08H01	M	378.0	10/05/84	137.0	241.0	5001
			01/30/85	129.0	249.0	
24S/26E-10A01	M	425.0	10/01/84	290.0(9)	135.0	5001
			02/13/85	220.0(9)	205.0	
24S/26E-10H01	M	426.0	10/05/84	161.5	264.5	5001
			01/30/85	147.5	278.5	
24S/26E-11D01	M	432.0	10/01/84	235.0(9)	197.0	5001
			02/13/85	NM-7		
24S/26E-12H01	M	455.0	10/01/84	379.0	76.0	5050
			01/31/85	309.0(9)	146.0	
24S/26E-13D01	M	450.0	10/01/84	273.5	176.5	5050
			01/31/85	216.5(9)	233.5	
24S/26E-13H01	M	467.0	10/01/84	335.5	131.5	5050
			01/31/85	281.5(9)	185.5	
24S/26E-14D02	M	437.0	10/05/84	220.5	216.5	5001
			02/01/85	179.5	257.5	
24S/26E-15J01	M	419.0	10/05/84	138.5	280.5	5001
			02/01/85	125.5	293.5	
24S/26E-16R01	M	400.0	10/05/84	127.0	273.0	5001
			02/01/85	119.0	281.0	
24S/26E-17A01	M	380.0	10/05/84	136.5	243.5	5001
			02/01/85	122.5	257.5	
24S/26E-19J01	M		10/05/84	NM-1		5001
		359.0	01/31/85	97.0	262.0	
24S/26E-20H01	M	378.0	10/08/84	111.0	267.0	5001
			01/31/85	NM-9		
24S/26E-20P01	M	374.0	10/05/84	85.0	289.0	5001
			01/31/85	85.0	289.0	
24S/26E-23H01	M	454.0	10/08/84	198.0	256.0	5001
			02/01/85	175.0	279.0	
24S/26E-24H01	M	469.5	10/01/84	420.5	49.0	5050
			01/31/85	362.5(9)	107.0	
24S/26E-24R01	M	475.0	10/01/84	380.0	95.0	5050
			01/31/85	317.0(9)	158.0	
24S/26E-25G01	M	475.0	10/01/84	318.0	157.0	5050
			01/31/85	276.0(9)	199.0	
24S/26E-25H01	M		10/08/84	NM-9		5001
			02/01/85	NM-9		
24S/26E-26C02	M	452.0	10/08/84	175.5	276.5	5001
			02/01/85	162.5	289.5	
24S/26E-27H01	M	444.5	10/04/84	154.5	290.0	5001
			02/01/85	NM-9		
24S/26E-28L01	M	411.5	10/04/84	117.0	294.5	5001
			02/01/85	115.0	296.5	
24S/26E-29H01	M	394.0	10/04/84	111.5	282.5	5001
			01/30/85	101.5	292.5	
24S/26E-30P01	M	366.0	10/04/84	104.0	262.0	5001
			01/30/85	98.0	268.0	
24S/26E-30R01	M	376.0	10/04/84	86.0	290.0	5001
			01/29/85	86.0	290.0	
24S/26E-32G01	M	397.0	10/04/84	113.0	284.0	5001
			01/29/85	104.0	293.0	
24S/26E-32L02	M	398.0	10/04/84	94.0	304.0	5001
			01/29/85	90.1	307.9	
24S/26E-33P01	M	422.0	10/04/84	134.5	287.5	5001
			01/29/85	134.5	287.5	
24S/26E-34Q03	M	450.0	10/04/84	163.5	286.5	5001
			02/01/85	158.5	291.5	
24S/26E-35H02	M	486.0	10/04/84	202.0	284.0	5001
			02/01/85	196.0	290.0	
24S/27E-03C01	M	553.0	01/23/85	464.5	88.5	5001
			09/27/85	NM-1		
24S/27E-07H02	M	492.0	10/01/84	451.0	41.0	5050
			01/31/85	362.0(9)	130.0	
24S/27E-08L01	M	506.0	10/01/84	455.0	51.0	5050
			01/31/85	390.0(9)	116.0	
24S/27E-10E02	M	545.0	01/23/85	173.5	371.5	5001
			09/27/85	189.5	355.5	
24S/27E-17E01	M		01/23/85	NM-3		5001
			09/27/85	NM-1		
24S/27E-17R01	M	525.0	10/01/84	462.0	63.0	5050
			01/31/85	410.0(9)	115.0	
24S/27E-19A01	M	495.0	10/01/84	417.5	77.5	5050
			01/31/85	364.5(9)	130.5	
24S/27E-19A02	M	497.0	10/01/84	439.0	58.0	5050
			01/31/85	378.0(9)	119.0	
24S/27E-19G01	M	481.0	10/01/84	435.0	46.0	5050
			01/31/85	367.0(9)	114.0	
24S/27E-19J01	M	502.0	10/01/84	440.0	62.0	5050
			01/31/85	385.0(9)	117.0	
24S/27E-20J01	M	539.0	10/01/84	474.0	65.0	5050

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.L		TULE DELTA HA				
24S/27E-20J01	M	539.0	01/31/85	420.0(9)	119.0	5050
24S/27E-20Q01	M	532.0	10/01/84	416.5	115.5	5050
			01/31/85	388.5(9)	143.5	
24S/27E-22C01	M	585.0	01/23/85	466.0	119.0	5001
			09/27/85	NM-1		
24S/27E-22P01	M		01/23/85	NM-7		5001
			09/27/85	NM-9		
24S/27E-29P01	M	527.0	10/01/84	485.5	41.5	5050
			01/31/85	428.5(9)	98.5	
24S/27E-30F01	M		10/01/84	NM-1		5001
		497.0	01/31/85	353.0(9)	144.0	5050
24S/27E-31F03	M		01/31/85	NM-2		5050
24S/27E-31H01	M	533.0	10/01/84	463.0	70.0	5050
			01/31/85	411.0(9)	122.0	
24S/27E-31K02	M	533.0	10/01/84	489.0	44.0	5050
			01/31/85	425.0(9)	108.0	
24S/27E-31P02	M	534.0	10/01/84	492.5	41.5	5050
			01/31/85	426.5(9)	107.5	
24S/27E-32K01	M	540.0	10/01/84	489.5	50.5	5050
			01/31/85	434.5(9)	105.5	
24S/27E-32M01	M	542.0	10/01/84	487.0	55.0	5050
			01/31/85	432.0(9)	110.0	
C-01.M		LAKE SUMP HA				
20S/21E-11D01	M	217.0	10/17/84	63.2	153.8	5001
			02/20/85	62.6	154.4	
20S/21E-11N01	M	215.0	10/17/84	78.2	136.8	5001
			02/20/85	81.1	133.9	
20S/21E-12N02	M	215.0	10/29/84	63.0	152.0	5050
			02/21/85	NM-4		5001
20S/21E-22N01	M	206.0	10/29/84	63.0	143.0	5050
			02/21/85	60.0(9)	146.0	5001
20S/21E-22R01	M	207.0	10/29/84	74.0	133.0	5050
			02/21/85	62.0	145.0	5001
20S/21E-24G01	M	210.0	10/29/84	65.0	145.0	5050
			02/21/85	72.5(9)	137.5	5001
20S/21E-24H01	M	211.0	10/29/84	64.0	147.0	5050
			02/21/85	58.5(9)	152.5	5001
20S/21E-36P01	M	202.0	10/04/84	82.0	120.0	5001
			01/30/85	61.0	141.0	
20S/22E-15A01	M	222.0	10/17/84	37.0	185.0	5001
			02/15/85	32.5	189.5	
			09/26/85	61.1	160.9	
20S/22E-18G01	M	214.0	10/29/84	70.0	144.0	5050
			02/21/85	64.0(9)	150.0	5001
20S/22E-18R01	M	213.0	10/29/84	68.0	145.0	5050
			02/21/85	62.0(9)	151.0	5001
20S/22E-19J01	M	213.0	10/29/84	70.0	143.0	5050
			02/21/85	61.5	151.5	5001
20S/22E-19L01	M	211.0	10/29/84	67.0	144.0	5050
			02/21/85	62.0	149.0	5001
20S/22E-19N01	M	209.0	10/29/84	69.0	140.0	5050
			02/21/85	65.0(9)	144.0	5001
20S/22E-20A02	M	216.0	11/05/84	21.7	194.3	5001
			02/15/85	27.8	188.2	
			09/26/85	41.1	174.9	
20S/22E-23P01	M	220.0	10/30/84	40.0	180.0	5050
			02/21/85	37.0	183.0	5001
20S/22E-27A01	M	216.0	10/03/84	24.5	191.5	5001
			01/31/85	24.5	191.5	
20S/22E-27P01	M		10/30/84	NM-9		5050
			02/21/85	NM-9		5001
20S/22E-29P01	M	211.0	10/03/84	13.0	198.0	5001
			01/31/85	13.0	198.0	
20S/22E-33F01	M		10/03/84	NM-3		5001
		211.0	01/31/85	38.0	173.0	
20S/22E-34J01	M	213.0	10/30/84	9.0	204.0	5050
			02/21/85	9.4	203.6	5001
20S/22E-35R01	M	216.0	10/30/84	36.0	180.0	5050
			02/21/85	21.0	195.0	5001
21S/18E-36J01	M	225.0	12/12/84	187.0	38.0	5446
21S/20E-27A01	M		10/30/84	NM-9		5001
			02/21/85	NM-7		
21S/20E-34A01	M		10/30/84	NM-9		5001
			02/21/85	NM-9		
21S/21E-10D01	M		10/30/84	NM-9		5001
			02/21/85	NM-4		
21S/21E-11D01	M		10/30/84	NM-9		5001
			02/21/85	NM-7		
21S/21E-14D01	M		10/30/84	NM-9		5001
		187.5	02/21/85	58.4	129.1	
21S/21E-14K01	M		10/30/84	NM-9		5001
			02/21/85	NM-9		
21S/21E-21D01	M		10/30/84	NM-9		5001
			02/21/85	NM-7		
21S/21E-24E01	M		10/30/84	NM-9		5001
			02/21/85	NM-1		
21S/21E-26D01	M		10/30/84	NM-9		5001
			02/21/85	NM-7		
21S/21E-34D01	M		10/30/84	NM-9		5001
			02/21/85	NM-7		
21S/22E-04R01	M	205.0	10/30/84	67.0	138.0	5050
			02/22/85	58.6	146.4	5001
21S/22E-07K01	M		02/21/85	NM-9		5050
21S/22E-09D01	M	204.0	10/30/84	82.0	122.0	5050
			02/22/85	77.5(9)	126.5	5001
21S/22E-09N01	M	199.0	10/30/84	32.0	167.0	5050
			02/22/85	27.6	171.4	5001
21S/22E-12M01	M		10/30/84	NM-5		5001
			02/22/85	NM-5		
21S/22E-13A01	M	211.4	10/03/84	22.4	189.0	5001
			01/31/85	19.4	192.0	
21S/22E-22M01	M	194.0	10/30/84	4.0	190.0	5050
			02/22/85	NM-1		5001
21S/22E-34A01	M		10/30/84	NM-1		5001
			02/22/85	NM-1		
21S/22E-36A02	M		10/30/84	NM-1		5001
			02/22/85	NM-9		
22S/19E-07C01	M		02/22/85	NM-7		5050
22S/22E-10A01	M		10/30/84	NM-7		5001
			02/22/85	NM-0		
C-01.N		SOUTH TULARE LAKE HA				
24S/22E-25N01	M	210.0	10/30/84	205.0(9)	5.0	5050
			02/22/85	175.0(9)	35.0	5001
24S/22E-27R01	M	207.0	10/30/84	150.0(9)	57.0	5050
			02/22/85	86.8	120.2	5001
24S/22E-33C01	M	211.0	10/30/84	196.0(9)	15.0	5050
			02/22/85	174.0(9)	37.0	
24S/22E-35E01	M	213.0	10/30/84	212.0(9)	1.0	5050
			02/22/85	185.0(9)	28.0	5001
C-01.P		KETTLEMAN HA				
20S/15E-09E01	M	890.0	12/27/84	500.0(9)	390.0	5050
20S/15E-15L01	M	740.0	12/27/84	444.0(9)	296.0	5050
20S/15E-16A01	M	787.0	12/27/84	464.0(9)	323.0	5050
20S/15E-16A02	M		12/27/84	NM-4		5050
20S/15E-16C01	M	804.0	12/27/84	478.0(9)	326.0	5050
20S/15E-17C01	M		12/27/84	NM-9		5050
20S/15E-20B01	M	740.0	12/27/84	416.0(9)	324.0	5050
20S/15E-20D01	M	741.0	12/27/84	403.5(9)	337.5	5050
20S/15E-21D01	M	741.0	12/27/84	423.0(9)	318.0	5050
20S/15E-22D02	M	733.0	12/27/84	417.0(9)	316.0	5050
20S/15E-23D01	M	697.0	12/27/84	384.0(9)	313.0	5050
20S/15E-24K01	M		12/27/84	NM-9		5050
20S/15E-25A01	M	601.0	12/27/84	278.0	323.0	5050
20S/15E-25D02	M	615.0	12/27/84	286.0(9)	329.0	5050
20S/15E-26D03	M	645.0	12/27/84	301.0(9)	344.0	5050
20S/15E-26L01	M	623.0	12/27/84	301.0(9)	322.0	5050
20S/15E-26P02	M	632.0	12/27/84	281.0(9)	351.0	5050
20S/15E-27C01	M	665.0	12/27/84	323.0(9)	342.0	5050

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C TULARE LAKE HB						
C-01 SOUTH VALLEY FLOOR HU						
C-01.P KETTLEMAN HA						
20S/15E-28D01	M	696.0	12/27/84	363.0(9)	333.0	5050
20S/15E-28R03	M	655.0	12/27/84	276.0(9)	379.0	5050
20S/15E-29D01	M	712.0	12/27/84	375.0(9)	337.0	5050
20S/15E-32A01	M	675.0	12/27/84	262.0	413.0	5050
20S/15E-33C01	M	660.0	12/27/84	252.0	408.0	5050
20S/15E-33C02	M	660.0	12/27/84	300.0	360.0	5050
20S/15E-34B01	M	641.0	12/27/84	280.0(9)	361.0	5050
20S/15E-34B02	M	640.0	12/27/84	295.0(9)	345.0	5050
20S/15E-34N02	M	647.0	12/27/84	290.5(9)	356.5	5050
20S/15E-34R01	M	629.0	12/27/84	302.0	327.0	5050
20S/15E-36E01	M	599.0	12/27/84	267.0	332.0	5050
20S/15E-36H01	M		12/27/84	NM-9		5050
20S/15E-36Q01	M	607.0	12/27/84	168.0(9)	439.0	5050
20S/15E-36Q02	M		12/27/84	NM-1		5050
20S/16E-21R01	M	501.0	12/04/84	455.0	46.0	5646
20S/16E-26D02	M	490.0	12/04/84	488.0	2.0	5646
20S/16E-30N02	M	594.0	12/27/84	321.0(9)	273.0	5050
20S/16E-30Q01	M	584.0	12/04/84	273.0	311.0	5646
			12/27/84	269.0(9)	315.0	5050
20S/16E-30R01	M	580.0	12/27/84	259.0	321.0	5050
20S/16E-32D04	M		12/04/84	NM-9		5646
		570.0	12/27/84	270.0	300.0	5050
21S/15E-01N01	M		12/27/84	NM-9		5050
21S/15E-02B04	M		12/27/84	NM-9		5050
21S/15E-02E01	M		12/27/84	NM-9		5050
21S/15E-03F01	M	648.0	12/27/84	323.0(9)	325.0	5050
21S/15E-04N04	M	687.0	12/27/84	322.0(9)	365.0	5050
21S/15E-04Q01	M	673.0	12/27/84	320.0	353.0	5050
21S/15E-10B02	M		12/27/84	NM-4		5050
21S/15E-10K01	M		12/27/84	NM-4		5050
21S/15E-11B01	M	630.0	12/27/84	334.0	296.0	5050
21S/15E-12F01	M	639.0	12/28/84	324.0(9)	315.0	5050
21S/15E-12M01	M	644.0	12/28/84	329.0(9)	315.0	5050
21S/15E-12Q01	M	641.0	12/28/84	330.5(9)	310.5	5050
21S/15E-12Q03	M		12/28/84	NM-1		5050
21S/16E-02N01	M	570.0	12/28/84	299.0(9)	271.0	5050
21S/16E-02R01	M	557.0	12/06/84	302.0	255.0	5646
21S/16E-04E02	M	575.0	12/28/84	261.0(9)	314.0	5050
21S/16E-04N02	M	582.0	12/28/84	268.0(9)	314.0	5050
21S/16E-04R01	M	574.0	12/28/84	292.0(9)	282.0	5050
21S/16E-05P01	M	590.0	12/28/84	290.0(9)	300.0	5050
21S/16E-06M01	M		12/28/84	NM-9		5050
21S/16E-07N02	M	632.0	12/28/84	333.0(9)	299.0	5050
21S/16E-08D03	M	602.0	12/28/84	289.0(9)	313.0	5050
21S/16E-08E01	M		12/28/84	NM-5		5050
21S/16E-08F01	M		12/28/84	NM-9		5050
21S/16E-08J01	M	593.0	12/28/84	301.0(9)	292.0	5050
21S/16E-09L01	M	583.0	12/28/84	295.0(9)	288.0	5050
21S/16E-09N01	M		12/28/84	NM-1		5050
21S/16E-10G01	M	580.0	12/28/84	293.0(9)	287.0	5050
21S/16E-10N03	M	593.0	12/28/84	311.0(9)	282.0	5050
21S/16E-10P01	M	593.0	12/28/84	308.3(9)	284.7	5050
21S/16E-14M01	M		12/28/84	NM-4		5050
21S/16E-15N02	M	616.0	12/28/84	347.0(9)	269.0	5050
21S/16E-16C01	M		12/28/84	NM-9		5050
21S/16E-16J01	M	605.0	12/28/84	327.0(9)	278.0	5050
21S/16E-18C01	M	625.0	12/28/84	338.0(9)	287.0	5050
21S/16E-21B01	M	614.0	12/28/84	339.0(9)	275.0	5050
21S/16E-22B01	M	614.0	12/28/84	343.0(9)	271.0	5050
21S/16E-22E01	M		12/28/84	NM-4		5050
21S/16E-22L01	M		12/28/84	NM-4		5050
21S/16E-22P01	M	638.0	12/28/84	367.0(9)	271.0	5050
21S/16E-23F01	M	635.0	12/28/84	340.5(9)	294.5	5050
21S/16E-26K01	M		12/28/84	NM-9		5050
21S/16E-26K02	M		12/28/84	NM-9		5050
21S/16E-26M02	M		12/28/84	NM-9		5050
21S/16E-26N01	M	675.0	12/28/84	372.0	303.0	5050
21S/16E-27H01	M	657.0	12/28/84	355.0(9)	302.0	5050
21S/16E-27J01	M	665.0	12/28/84	335.0(9)	330.0	5050
21S/16E-27J03	M	663.0	12/28/84	339.0(9)	324.0	5050
21S/16E-27K01	M	665.0	12/28/84	339.0(9)	326.0	5050
21S/16E-35A01	M	703.0	12/28/84	327.0(9)	376.0	5050
22S/18E-04B01	M		12/14/84	NM-0		5646
22S/18E-04H01	M	407.0	12/14/84	407.0	.0	5646
C-01.0 ANTELOPE PLAIN HA						
25S/18E-34H01	M	565.0	10/01/84	23.0	542.0	5001
			01/28/85	23.0	542.0	
			09/30/85	23.0	542.0	
25S/18E-34J01	M	530.0	10/01/84	16.0	514.0	5001
			01/28/85	16.0	514.0	
			09/30/85	16.0	514.0	
25S/19E-20Q02	M	480.0	10/01/84	67.6	412.4	5001
			01/28/85	67.6	412.4	
			09/30/85	68.6	411.4	
25S/20E-26M01	M	310.0	10/02/84	37.0	273.0	5001
			01/28/85	42.0	268.0	
			09/30/85	39.0	271.0	
25S/20E-27B03	M	310.0	10/02/84	46.5	263.5	5001
			01/28/85	45.5	264.5	
			09/30/85	40.5	269.5	
25S/21E-01R01	M	215.0	10/02/84	141.0	74.0	5001
			01/31/85	142.0	73.0	
			09/30/85	142.0	73.0	
25S/21E-02P01	M	210.0	10/02/84	139.0	71.0	5001
			01/31/85	140.0	70.0	
			09/30/85	136.0	74.0	
25S/21E-13N01	M	220.0	10/02/84	32.0	188.0	5001
			01/31/85	35.0	185.0	
			09/30/85	32.0(7)	188.0	
25S/21E-14J01	M	215.0	10/02/84	95.0	120.0	5001
			01/31/85	84.0	131.0	
			09/30/85	87.0	128.0	
25S/21E-16N01	M		10/02/84	NM-9		5001
		220.0	01/28/85	5.0(8)	215.0	
			09/30/85	6.0(8)	214.0	
25S/21E-26P01	M	222.0	10/02/84	7.0	215.0	5001
			01/28/85	7.0	215.0	
26S/18E-18F03	M	835.0	10/01/84	137.0	698.0	5001
			01/28/85	119.0	716.0	
			09/30/85	117.0	718.0	
26S/18E-18G01	M	835.0	10/01/84	175.0	660.0	5001
			01/28/85	173.0	662.0	
			09/30/85	172.0	663.0	
26S/18E-19BC1	M	860.0	10/01/84	146.0	714.0	5133
			01/28/85	136.0	724.0	
			09/30/85	133.0	727.0	
26S/21E-14F01	M	238.0	10/02/84	8.0	230.0	5001
			01/28/85	10.0	228.0	
26S/21E-14J01	M	237.0	10/02/84	11.0	226.0	5001
			01/28/85	12.0	225.0	
26S/21E-21N01	M		10/02/84	NM-3		5001
			01/28/85	NM-3		
27S/22E-06M01	M	255.0	01/15/85	19.9	235.1	5001
			09/12/85	17.0	238.0	
30S/23E-01D01	M	276.8	01/15/85	75.2	201.6	5001
			09/12/85	82.8	194.0	
30S/24E-06N01	M		01/15/85	NM-7		5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C TULARE LAKE HB						
C-01 SOUTH VALLEY FLOOR HU						
C-01.Q ANTELOPE PLAIN HA						
30S/24E-06N01	M		09/12/85	NM-4		5001
30S/24E-14Q01	M	291.4	01/15/85	78.0	213.4	5001
			09/12/85	91.0	200.4	
C-01.R SEMITROPIC HA						
25S/21E-24H01	M		10/02/84	NM-9		5001
			01/31/85	NM-9		
			09/30/85	NM-9		
25S/22E-01H01	M		10/08/84	NM-9		5001
			02/08/85	NM-9		
25S/22E-02F01	M	212.0	10/08/84	212.0	.0	5001
			02/05/85	176.0	36.0	
25S/22E-02R01	M	212.0	10/08/84	72.0	140.0	5001
			02/08/85	70.0	142.0	
25S/22E-11B01	M		10/08/84	NM-3		5001
			02/08/85	NM-3		
25S/22E-14G01	M	215.0	10/08/84	147.5	67.5	5001
			02/05/85	NM-3		
25S/22E-15A02	M		10/05/84	NM-1		5001
			02/08/85	NM-7		
25S/22E-27J01	M	220.0	10/05/84	220.0	.0	5001
			02/08/85	170.0	50.0	
25S/22E-28P01	M	220.0	10/05/84	237.0	-17.0	5001
			02/08/85	171.0	49.0	
25S/22E-28R01	M	220.0	10/05/84	126.0	94.0	5001
			02/08/85	90.0	130.0	
25S/22E-29B01	M	220.0	10/05/84	121.0	99.0	5001
			02/08/85	101.0	119.0	
25S/22E-29K01	M		10/15/84	NM-1		5001
		220.0	02/08/85	173.0	47.0	
25S/22E-29R01	M		10/15/84	NM-1		5001
		220.0	02/08/85	171.0	49.0	
25S/22E-32R01	M	224.0	10/15/84	29.0	195.0	5001
			02/05/85	NM-9		
25S/23E-01M03	M		10/29/84	NM-9		5001
		215.0	02/05/85	159.0	56.0	
25S/23E-03E01	M	208.0	10/08/84	220.5	-12.5	5001
			02/05/85	154.5	53.5	
25S/23E-05E01	M	210.0	10/08/84	217.0	-7.0	5001
			02/05/85	162.0	48.0	
25S/23E-05N01	M		10/08/84	NM-3		5001
			02/08/85	NM-3		
25S/23E-06E01	M	212.0	10/08/84	231.0	-19.0	5001
			02/05/85	176.0	36.0	
25S/23E-06N01	M		10/08/84	NM-4		5001
			02/08/85	NM-4		
25S/23E-07R02	M		10/08/84	NM-1		5001
			02/08/85	NM-9		
25S/23E-09R01	M		10/29/84	NM-4		5001
		213.0	02/05/85	157.0	56.0	
25S/23E-10P01	M	212.0	10/29/84	200.0	12.0	5001
			02/05/85	157.0	55.0	
25S/23E-20Q01	M	214.0	10/08/84	178.0	36.0	5001
			02/08/85	159.0	55.0	
25S/23E-22Q01	M	217.0	10/26/84	110.0	107.0	5001
			02/08/85	93.0	124.0	
25S/23E-24R02	M	229.0	10/29/84	229.0	.0	5001
			01/29/85	154.0	75.0	
25S/23E-26D01	M		10/26/84	NM-1		5001
		219.0	02/08/85	151.0	68.0	
25S/23E-27H01	M	219.0	10/26/84	103.0	116.0	5001
			02/08/85	98.0	121.0	
25S/23E-28D01	M	217.0	10/08/84	113.0	104.0	5001
			02/08/85	95.0	122.0	
25S/23E-28D02	M	217.0	10/08/84	206.0	11.0	5001
			02/08/85	152.0	65.0	
25S/23E-30N01	M	217.0	10/08/84	35.0	182.0	5001
			02/05/85	NM-9		
25S/23E-33E01	M	220.0	10/08/84	143.5	76.5	5001
			02/06/85	97.5	122.5	
25S/23E-33P02	M	221.0	10/08/84	127.0	94.0	5001
			02/06/85	106.0	115.0	
25S/23E-36G01	M		10/26/84	NM-3		5001
		234.0	01/29/85	178.0	56.0	

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C TULARE LAKE HB						
C-01 SOUTH VALLEY FLOOR HU						
C-01.R SEMITROPIC HA						
25S/23E-36R03	M	237.0	10/26/84	217.5	19.5	5001
			01/29/85	NM-7		
25S/24E-04R01	M	233.0	10/29/84	173.0	60.0	5001
			01/22/85	121.0	112.0	
25S/24E-06D02	M		10/29/84	NM-1		5001
		220.0	02/05/85	161.0	59.0	
25S/24E-08H01	M	231.0	10/05/84	247.0(9)	-16.0	5001
			01/28/85	152.0(9)	79.0	
			09/30/85	225.0	6.0	
25S/24E-14R02	M		10/29/84	NM-3		5001
		257.0	01/22/85	141.0	116.0	
25S/24E-19P01	M		10/29/84	NM-4		5001
		237.0	01/29/85	148.0	89.0	
25S/24E-19R02	M		10/29/84	NM-8		5001
			01/29/85	NM-8		
25S/24E-21P01	M		10/29/84	NM-9		5001
		246.0	01/29/85	147.0	99.0	
25S/24E-22R02	M	256.0	10/29/84	136.0	120.0	5001
			01/22/85	90.0	166.0	
25S/24E-23R03	M	266.0	10/29/84	77.0	189.0	5001
			01/22/85	71.0	195.0	
25S/24E-25F02	M	273.0	10/09/84	217.5	55.5	5001
			01/22/85	155.5	117.5	
25S/24E-26F01	M	262.0	10/29/84	210.0	52.0	5001
			01/22/85	142.0	120.0	
25S/24E-27D01	M	248.0	10/05/84	69.5(9)	178.5	5001
			01/28/85	60.5(9)	187.5	
			09/30/85	62.5	185.5	
25S/24E-27R03	M	258.0	10/05/84	186.5(9)	71.5	5001
			01/28/85	127.5(9)	130.5	
			09/30/85	NM-1		
25S/24E-27R04	M	261.0	10/29/84	211.0	50.0	5001
			01/22/85	153.0	108.0	
25S/24E-28R01	M	252.5	10/05/84	61.5(9)	191.0	5001
			01/28/85	55.5(9)	197.0	
			09/30/85	55.5	197.0	
25S/24E-30R02	M	239.0	10/29/84	183.0	56.0	5001
			01/29/85	142.0	97.0	
25S/24E-32P02	M	245.0	10/29/84	155.0	91.0	5001
			01/29/85	160.0	86.0	
25S/24E-33F01	M		10/29/84	NM-4		5001
			01/29/85	NM-4		
25S/24E-33G01	M	254.0	10/05/84	94.0(9)	160.0	5001
			01/28/85	80.0(9)	174.0	
			09/30/85	83.0	171.0	
25S/24E-34J02	M		10/19/84	NM-3		5001
		263.0	01/22/85	158.5	104.5	
25S/24E-35E01	M	264.5	10/19/84	87.5	177.0	5001
			01/22/85	82.5	182.0	
25S/24E-35E02	M	263.0	10/19/84	206.5	56.5	5001
			01/22/85	146.5	116.5	
25S/24E-35F02	M	267.0	10/05/84	92.0(9)	175.0	5001
			01/28/85	85.0(9)	182.0	
			09/30/85	85.0	182.0	
25S/24E-35R01	M	274.0	10/05/84	222.0(9)	52.0	5001
			10/10/84	151.0(9)	123.0	
			01/28/85	155.0(9)	119.0	
			02/13/85	161.0(9)	113.0	
			09/30/85	212.0	62.0	
25S/24E-36G01	M	279.0	10/19/84	201.0	78.0	5001
			01/22/85	136.0	143.0	
26S/22E-21D01	M	240.0	10/04/84	30.0	210.0	5001
			01/30/85	28.0	212.0	
26S/22E-26L01	M	240.0	10/04/84	250.0	-10.0	5001
			01/30/85	219.0	21.0	
26S/22E-34L01	M		10/10/84	NM-7		5001
		252.0	02/13/85	222.0	30.0	
			09/30/85	NM-7		
26S/22E-34M01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/22E-35J01	M	253.0	10/04/84	252.0	1.0	5001
			01/30/85	217.0	36.0	
26S/23E-02N01	M	228.0	10/26/84	233.0	-5.0	5001
			02/06/85	NM-9		
26S/23E-02R01	M	234.9	10/26/84	110.0	124.9	5001
			02/06/85	100.0	134.9	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.R		SEMITROPIC HA				
26S/23E-04F01	M	222.0	10/08/84	108.0	114.0	5001
			02/06/85	NM-9		
26S/23E-05G01	M		10/08/84	NM-1		5001
		222.0	02/06/85	164.0	58.0	
26S/23E-05G02	M	221.0	10/08/84	44.3	176.7	5001
			02/06/85	45.3	175.7	
26S/23E-07H02	M	224.0	10/26/84	210.0	14.0	5001
			02/06/85	157.0	67.0	
26S/23E-07Q01	M	225.0	10/26/84	60.0	165.0	5001
			02/06/85	48.0	177.0	
26S/23E-10E01	M	226.0	10/26/84	74.5	151.5	5001
			02/06/85	72.5	153.5	
26S/23E-10H01	M	230.0	10/26/84	128.3	101.7	5001
			02/06/85	97.3	132.7	
26S/23E-13R02	M	250.0	10/29/84	213.0	37.0	5001
			01/29/85	NM-1		
26S/23E-14F01	M		10/26/84	NM-1		5001
			02/06/85	NM-1		
26S/23E-15A01	M	227.3	10/26/84	224.0	3.3	5001
			02/06/85	169.0	58.3	
26S/23E-15A02	M	227.8	10/26/84	57.0	170.8	5001
			02/06/85	57.0	170.8	
26S/23E-15A03	M	227.5	10/26/84	130.0	97.5	5001
			02/06/85	95.0	132.5	
26S/23E-15N01	M	233.0	10/26/84	220.0	13.0	5001
			02/06/85	176.0	57.0	
26S/23E-15N02	M	233.0	10/26/84	68.5	164.5	5001
			02/06/85	66.5	166.5	
26S/23E-15N03	M	233.0	10/26/84	127.0	106.0	5001
			02/06/85	98.0	135.0	
26S/23E-25R02	M	259.0	10/29/84	231.0	28.0	5001
			01/29/85	NM-9		
26S/23E-32F01	M		10/26/84	NM-9		5001
			02/01/85	NM-9		
26S/23E-32F03	M		10/26/84	NM-1		5001
			02/01/85	NM-1		
26S/23E-33N02	M		10/08/84	NM-9		5001
			02/01/85	NM-2		
26S/23E-34H01	M	251.0	10/10/84	197.6(9)	53.4	5001
			02/13/85	163.6	87.4	
			09/30/85	NM-7		
26S/23E-35Q02	M	254.0	10/30/84	249.0	5.0	5001
			02/01/85	209.0	45.0	
26S/23E-36H03	M	263.0	10/29/84	200.0	63.0	5133
26S/24E-02G01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-02H01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-02R02	M	279.0	10/10/84	183.6(9)	95.4	5001
			02/13/85	169.6(9)	109.4	
			09/30/85	NM-7		
26S/24E-04H01	M	261.0	10/05/84	113.5(9)	147.5	5001
			01/28/85	103.5(9)	157.5	
			09/30/85	107.5	153.5	
26S/24E-04H02	M		10/10/84	NM-1		5001
		260.0	02/13/85	169.9(9)	90.1	
			09/30/85	NM-7		
26S/24E-04R01	M	264.0	10/10/84	200.0(9)	64.0	5001
			02/13/85	NM-7		
			09/30/85	231.0(9)	33.0	
26S/24E-05H01	M	255.0	10/05/84	114.0(9)	141.0	5001
			01/28/85	95.0(9)	160.0	
			09/30/85	216.0	39.0	
26S/24E-07F01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-07H01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
		252.0	09/30/85	235.0(9)	17.0	
26S/24E-07R01	M	254.0	10/10/84	232.5(9)	21.5	5001
			02/13/85	188.5(9)	65.5	
			09/30/85	NM-7		
26S/24E-08P01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-08R01	M	261.0	10/10/84	228.0(9)	33.0	5001
			02/13/85	184.0(9)	77.0	
			09/30/85	233.0(9)	28.0	
26S/24E-14F02	M	286.0	10/05/84	102.0(9)	184.0	5001
			01/28/85	182.0(9)	104.0	
			09/30/85	97.0	189.0	
26S/24E-15P02	M	279.0	10/05/84	139.5(9)	139.5	5001
			01/28/85	122.5(9)	156.5	
			09/30/85	130.5	148.5	
26S/24E-17H01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-17R01	M	267.0	10/10/84	230.0(9)	37.0	5001
			02/13/85	189.0(9)	78.0	
			09/30/85	226.0(9)	41.0	
26S/24E-18H01	M		10/10/84	NM-7		5001
		264.0	10/29/84	216.0	48.0	
			01/29/85	182.0	82.0	
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-18L01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-18P01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-18R01	M	258.0	10/10/84	231.0(9)	27.0	5001
			02/13/85	199.0(9)	59.0	
			09/30/85	227.0(9)	31.0	
26S/24E-19H01	M		10/10/84	NM-7		5001
			02/13/85	NM-1		
			09/30/85	NM-7		
26S/24E-19P01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-19R01	M	261.0	10/10/84	241.0(9)	20.0	5001
			02/13/85	NM-1		
			09/30/85	230.0(9)	31.0	
26S/24E-21H01	M	277.5	10/30/84	229.0	48.5	5001
			01/29/85	178.0	99.5	
26S/24E-21R01	M	280.0	10/30/84	250.0	30.0	5001
			01/29/85	181.0	99.0	
26S/24E-22P01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-22P01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-22R01	M	288.0	10/10/84	235.0(9)	53.0	5001
			02/13/85	194.0(9)	94.0	
			09/30/85	243.0(9)	45.0	
26S/24E-23C01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-23H01	M		10/10/84	NM-7		5001
		295.5	02/13/85	188.0(9)	107.5	
			09/30/85	NM-7		
26S/24E-23P01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-23R01	M	299.0	10/10/84	232.6(9)	66.4	5001
			02/13/85	NM-7		
			09/30/85	254.6(9)	44.4	
26S/24E-27H01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-27P01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
		290.0	09/30/85	247.0	43.0	
26S/24E-27R01	M	294.7	10/10/84	243.0(9)	51.7	5001
			02/13/85	203.0(9)	91.7	
			09/30/85	NM-2		
26S/24E-28H01	M	281.0	10/30/84	250.5	30.5	5001
			01/29/85	191.5	89.5	
26S/24E-28P01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-28R01	M	284.0	10/10/84	241.2(9)	42.8	5001
			02/13/85	207.2(9)	76.8	
			09/30/85	267.2(9)	16.8	
26S/24E-30H01	M		10/10/84	NM-7		5001
			10/30/84	NM-4		

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.R		SEMITROPIC HA				
26S/24E-30H01	M	265.0	01/29/85	190.0	75.0	5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-30P01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-30R01	M	266.0	10/10/84	233.0(9)	33.0	5001
			02/13/85	197.0(9)	69.0	
			09/30/85	232.0(9)	34.0	
26S/24E-31F01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-31H01	M		10/10/84	NM-7		5001
		269.0	02/13/85	197.0(9)	72.0	
			09/30/85	NM-7		
26S/24E-31P01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-31R01	M	273.0	10/10/84	241.7(9)	31.3	5001
			02/13/85	NM-7		
			09/30/85	235.7(9)	37.3	
27S/22E-02R01	M		10/26/84	NM-3		5001
27S/22E-03H01	M	255.0	10/26/84	186.0	69.0	5001
			01/30/85	191.0	64.0	
27S/22E-20P01	M		11/01/84	NM-9		5001
		240.0	02/04/85	7.0	233.0	
27S/22E-21P01	M		11/01/84	NM-9		5001
		240.0	02/04/85	16.5	223.5	
27S/22E-21R01	M	235.0	11/01/84	28.0	207.0	5001
			02/04/85	28.0	207.0	
27S/22E-28G02	M	246.0	11/01/84	15.0	231.0	5001
			02/04/85	14.0	232.0	
27S/22E-36R01	M	287.0	11/01/84	113.0(8)	174.0	5001
			02/04/85	NM-8		
27S/23E-01R05	M		10/26/84	NM-6		5001
			02/01/85	NM-7		5133
27S/23E-02H01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
27S/23E-02L01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
27S/23E-02P01	M	259.0	10/10/84	176.8(9)	82.2	5001
			02/13/85	NM-7		
			09/30/85	NM-7		
27S/23E-02R01	M		10/10/84	NM-2		5001
		260.0	02/13/85	215.0(9)	45.0	
			09/30/85	NM-7		
27S/23E-04H02	M	245.0	10/26/84	276.0	-31.0	5001
			02/01/85	217.0	28.0	
27S/23E-09C01	M	260.0	10/30/84	240.0	20.0	5001
			02/01/85	237.0	23.0	
27S/23E-10J01	M	264.0	10/30/84	242.5	21.5	5001
			02/01/85	231.5	32.5	
27S/23E-12R01	M	270.0	10/01/84	249.0(9)	21.0	5050
			01/31/85	218.0(9)	52.0	
27S/23E-13H01	M	271.0	10/01/84	249.0(9)	22.0	5050
			01/31/85	226.0(9)	45.0	
27S/23E-13R01	M	275.0	10/01/84	258.0(9)	17.0	5050
			01/31/85	225.0(9)	50.0	
27S/23E-14K01	M		10/30/84	NM-3		5001
		275.0	02/01/85	250.0	25.0	
27S/23E-15G01	M	271.0	10/30/84	274.0	-3.0	5001
			02/01/85	NM-9		
27S/23E-16E01	M	276.5	10/30/84	243.5	33.0	5001
			02/01/85	248.5	28.0	
27S/23E-16N01	M	281.0	10/30/84	279.0	2.0	5001
			02/01/85	252.0	29.0	
27S/23E-24Q01	M		10/01/84	NM-1		5001
		283.0	01/31/85	246.0(9)	37.0	5050
27S/23E-31P01	M		11/01/84	NM-3		5001
			02/04/85	NM-3		
27S/23E-33J01	M	249.0	10/01/84	233.0(9)	16.0	5050
			11/01/84	NM-4		5001
			01/31/85	204.0	45.0	5050
			02/05/85	205.0	44.0	5001
27S/23E-36A02	M		11/01/84	NM-1		5001
27S/23E-36A02	M		02/05/85	NM-1		5001
27S/24E-06F01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
27S/24E-06H01	M		10/10/84	NM-5		5001
			02/13/85	NM-7		
27S/24E-06P01	M	270.0	10/10/84	246.0(9)	24.0	5001
			02/13/85	NM-7		
27S/24E-06R01	M		10/10/84	NM-7		5001
		275.0	02/13/85	211.2(9)	63.8	
27S/24E-08F01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
27S/24E-18A01	M	277.0	10/04/84	255.0(9)	22.0	5050
			01/31/85	220.0(9)	57.0	
27S/24E-18R01	M	279.0	10/04/84	256.0(9)	23.0	5050
			01/31/85	226.0(9)	53.0	
27S/24E-19R01	M	284.0	10/05/84	254.5(9)	29.5	5001
			01/28/85	242.5(9)	41.5	
27S/24E-20R01	M	290.0	10/04/84	259.0(9)	31.0	5050
			01/31/85	242.0(9)	48.0	
27S/24E-30F01	M		10/10/84	NM-7		5001
			02/14/85	NM-1		
27S/24E-30H01	M		10/10/84	NM-7		5001
			02/14/85	NM-1		
27S/24E-30P01	M		10/10/84	NM-7		5001
			02/14/85	NM-1		
27S/24E-30R01	M	285.0	10/10/84	263.0(9)	22.0	5001
			02/14/85	NM-1		
27S/24E-31001	M	292.0	10/05/84	283.0(9)	9.0	5001
			01/28/85	260.0(9)	32.0	
28S/22E-09001	M	240.0	10/10/84	6.5	233.5	5001
			02/09/85	3.5	236.5	
28S/22E-09D02	M	240.0	10/10/84	6.5	233.5	5001
			02/09/85	3.5	236.5	
28S/22E-14H01	M	250.0	10/10/84	13.0	237.0	5001
			02/09/85	11.0	239.0	
28S/22E-14N01	M		10/10/84	NM-1		5001
		247.0	02/09/85	9.0	238.0	
28S/22E-15L01	M	246.0	10/10/84	7.0	239.0	5001
			02/09/85	4.0	242.0	
28S/22E-25K01	M	255.0	01/15/85	23.8	231.2	5001
			09/12/85	11.6	243.4	
28S/23E-03GC1	M	250.0	10/04/84	225.0(9)	25.0	5050
			02/01/85	205.0(9)	45.0	
28S/23E-03J02	M	250.0	10/04/84	238.0(9)	12.0	5050
			02/01/85	211.0(9)	39.0	
28S/23E-03P01	M	255.0	11/01/84	186.5	68.5	5001
			02/08/85	170.5	84.5	
28S/23E-03R02	M		10/04/84	NM-1		5001
		253.0	02/01/85	192.0(9)	61.0	5050
28S/23E-04H01	M	250.0	10/04/84	223.0(9)	27.0	5050
			02/01/85	207.0(9)	43.0	
28S/23E-10N01	M	272.0	10/04/84	242.0(9)	30.0	5050
			02/01/85	222.0(9)	50.0	
28S/23E-11E02	M	253.0	11/01/84	25.5	227.5	5001
			02/08/85	32.5	220.5	
28S/23E-12J01	M	281.0	11/01/84	50.0	231.0	5001
			02/08/85	63.0	218.0	
28S/23E-14B01	M	260.0	11/01/84	29.0	231.0	5001
			02/08/85	NM-7		
28S/23E-16K01	M		11/01/84	NM-9		5001
		285.0	02/08/85	123.0	162.0	
28S/23E-20N01	M	256.0	01/15/85	10.7	245.3	5001
			09/12/85	10.9	245.1	
28S/23E-24J01	M	263.0	10/12/84	50.0	213.0	5001
			02/08/85	NM-1		
28S/23E-24N01	M	268.0	10/12/84	38.0	230.0	5001
			02/08/85	NM-1		
28S/23E-30J01	M	256.0	10/10/84	12.0	244.0	5001
			02/08/85	21.0	235.0	
28S/23E-31R01	M	257.8	01/15/85	26.8	231.0	5001
			09/12/85	23.2	234.6	
28S/23E-34Q01	M		10/10/84	NM-4		5001
		277.0	02/08/85	219.0	58.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C	TULARE LAKE HB				
C-01	SOUTH VALLEY FLOOR HU				
C-01.R	SEMITROPIC HA				
28S/24E-04C01 M	296.0	10/05/84	263.5(9)	32.5	5001
		01/28/85	250.5(9)	45.5	
28S/24E-06R01 M	292.1	11/01/84	NM-1	23.1	5001
		02/05/85	269.0		
28S/24E-08N01 M		11/01/84	NM-3		5001
		02/05/85	NM-1		
28S/24E-17A01 M	300.0	10/05/84	262.0(9)	38.0	5001
		01/28/85	267.0(9)	33.0	
28S/24E-28A01 M	301.1	10/30/84	260.5	40.6	5001
		02/05/85	NM-1		
28S/24E-30F01 M	264.0	10/05/84	74.5	189.5	5001
		01/28/85	77.5(9)	186.5	
28S/25E-19C01 M	317.5	10/03/84	228.5	89.0	5001
		01/30/85	222.5	95.0	
28S/25E-30J01 M	318.0	10/04/84	220.0	98.0	5001
		01/30/85	214.0	104.0	
28S/25E-32F01 M	320.0	11/01/84	238.0	82.0	5001
		02/04/85	NM-4		
28S/25E-34J01 M	325.0	10/04/84	196.5	128.5	5001
		01/30/85	188.5	136.5	
29S/22E-01A01 M	252.1	01/15/85	12.7	239.4	50C1
		09/12/85	10.4	241.7	
29S/23E-02J01 M	295.0	10/12/84	219.0	76.0	5001
		02/05/85	225.0	70.0	
29S/23E-03L01 M	265.0	10/12/84	29.0	236.0	5001
		02/05/85	50.0	215.0	
29S/23E-04P02 M	261.0	10/12/84	21.5	239.5	5001
		02/05/85	38.5	222.5	
29S/23E-05D01 M	255.0	10/12/84	20.0	235.0	5001
		02/05/85	24.0	231.0	
29S/23E-07Q01 M	257.0	10/12/84	24.0	233.0	5001
		02/05/85	NM-9		
29S/23E-08A01 M	260.3	01/15/85	56.9	203.4	5001
		09/12/85	56.6	203.7	
29S/23E-10Q01 M	263.5	01/15/85	72.8	190.7	50C1
		09/12/85	77.3	186.2	
29S/23E-17H03 M	263.8	01/15/85	27.2	236.6	5001
		09/12/85	23.0	240.8	
29S/23E-22R01 M	267.5	10/12/84	42.0	225.5	5001
		02/05/85	53.0	214.5	
29S/23E-24P01 M	270.0	01/15/85	NM-7	204.2	5001
		09/12/85	65.8		
29S/23E-27M01 M	270.0	10/12/84	49.0	221.0	5001
		02/05/85	48.0	222.0	
29S/24E-04E01 M	279.0	10/12/84	127.0	148.0	50C1
		02/01/85	130.0	145.0	
29S/24E-05J01 M	275.0	10/12/84	202.0	73.0	50C1
		02/01/85	206.0	69.0	
29S/24E-07C01 M	303.0	10/12/84	234.5	68.5	50C1
		02/01/85	236.5	66.5	
29S/24E-09F01 M	280.0	10/03/84	196.0(9)	84.0	5050
		01/29/85	188.0(9)	92.0	
29S/24E-09H01 M	280.0	10/03/84	194.0(9)	86.0	5050
		01/29/85	185.0(9)	95.0	
29S/24E-09R01 M	285.0	10/03/84	198.0(9)	87.0	5050
		01/29/85	189.0(9)	96.0	
29S/24E-14A01 M	295.0	10/03/84	205.0(9)	90.0	5050
		01/29/85	185.0(9)	110.0	
29S/24E-14R02 M	291.0	10/12/84	182.5	108.5	5001
		02/01/85	198.5	92.5	
29S/24E-15H01 M	285.0	10/03/84	196.0(9)	89.0	5050
		01/29/85	NM-1		
29S/24E-15Q01 M	290.0	10/12/84	204.5	85.5	5001
		02/01/85	208.5	81.5	
29S/24E-18A01 M	299.5	10/12/84	210.5	89.0	5001
		02/01/85	217.5	82.0	
29S/24E-18B01 M	299.0	10/12/84	202.0	97.0	5001
		02/01/85	210.0	89.0	
29S/24E-28Q02 M	282.0	10/12/84	NM-9	179.0	5001
		02/01/85	103.0		
29S/24E-30P01 M	277.8	01/15/85	70.8	207.0	5001
		09/12/85	NM-1		
29S/24E-31B01 M	278.5	01/15/85	75.1	203.4	5001
29S/24E-31B01 M	278.5	09/12/85	81.3	197.2	5001
29S/24E-32Q01 M	280.7	01/15/85	72.0	208.7	5001
		09/12/85	74.6	206.1	
29S/24E-33P01 M	281.5	01/15/85	84.0	197.5	5001
		09/12/85	60.0	221.5	
30S/24E-06B01 M	278.0	01/15/85	78.4	199.6	5001
		09/12/85	108.9	169.1	
C-01.T	NORTH KERN HA				
25S/24E-12D02 M	245.0	10/05/84	27.0	218.0	5001
		01/29/85	46.0	199.0	
25S/24E-12H01 M	253.0	10/05/84	69.5	183.5	5001
		01/29/85	63.5	189.5	
25S/24E-13P02 M	262.0	10/05/84	73.0	189.0	5001
		01/29/85	47.0	215.0	
25S/24E-24K03 M	266.0	10/05/84	78.5(9)	187.5	5001
		01/28/85	71.5(9)	194.5	
		09/30/85	81.5	184.5	
25S/25E-04R01 M	278.0	10/05/84	NM-1	252.0	5001
		01/29/85	26.0		
25S/25E-07R01 M	263.0	10/05/84	70.0	193.0	5001
		01/29/85	22.0	241.0	
25S/25E-10J01 M		10/05/84	NM-4		5001
		01/29/85	NM-4		
25S/25E-15C01 M	289.0	10/01/84	71.0(9)	218.0	5050
		01/25/85	37.0(9)	252.0	
25S/25E-19R03 M	277.0	10/09/84	210.5	66.5	5001
		01/22/85	141.5	135.5	
25S/25E-20R01 M	284.0	10/05/84	144.5	139.5	5001
		01/29/85	43.5	240.5	
25S/25E-21A01 M	286.0	10/01/84	46.0(9)	240.0	5050
		01/28/85	38.0(9)	248.0	
25S/25E-22D02 M	286.0	10/05/84	187.5	98.5	5001
		01/29/85	103.5	182.5	
25S/25E-26H02 M		10/05/84	NM-3		5001
		01/29/85	NM-3		
25S/25E-28R01 M	301.0	10/05/84	174.0	127.0	5001
		01/29/85	158.0	143.0	
25S/25E-29R01 M	294.5	10/05/84	114.5	180.0	5001
		01/29/85	100.5	194.0	
25S/25E-29R02 M	295.0	10/09/84	NM-4	160.5	5001
		01/22/85	134.5		
25S/25E-32L01 M	298.5	10/05/84	209.5	89.0	5001
		01/29/85	134.5	164.0	
25S/25E-35A01 M	318.0	10/05/84	81.0	237.0	5001
		01/29/85	63.0	255.0	
25S/25E-35P02 M	322.0	10/05/84	155.0	167.0	5001
		01/29/85	124.0	198.0	
25S/25E-36C02 M	318.0	10/09/84	149.0	169.0	5001
		01/22/85	121.0	197.0	
25S/25E-36R02 M	335.0	10/05/84	157.0	178.0	5001
		01/29/85	158.0	177.0	
25S/26E-01Q01 M	504.2	10/04/84	221.0	283.2	5001
		02/01/85	215.0	289.2	
25S/26E-02M01 M	452.0	10/04/84	209.5	242.5	5001
		02/01/85	193.5	258.5	
25S/26E-03C02 M	433.2	10/04/84	166.0	267.2	5001
		02/01/85	150.0	283.2	
25S/26E-03M01 M	422.0	10/04/84	NM-9	272.5	5001
		02/01/85	149.5		
25S/26E-04A01 M	417.5	10/04/84	139.0	278.5	5001
		02/01/85	127.0	290.5	
25S/26E-04A02 M	420.0	10/04/84	182.0	238.0	5001
		02/04/85	153.0	267.0	
25S/26E-05A03 M	395.0	10/04/84	98.0	297.0	5001
		02/04/85	95.0	300.0	
25S/26E-05Q02 M	379.0	10/04/84	183.9	195.5	5001
		02/04/85	180.5	198.5	
25S/26E-06G01 M	362.5	10/04/84	189.0	173.5	5001
		02/04/85	139.0	223.5	
25S/26E-07C01 M	356.0	10/09/84	81.0	275.0	5001
		01/29/85	NM-2		
25S/26E-07P01 M	343.0	10/09/84	107.0	236.0	5001
		01/29/85	166.0	177.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.T		NORTH KERN HA				
25S/26E-10R03	M	430.0	10/04/84	196.5	233.5	5001
			02/01/85	174.5	255.5	
25S/26E-11A02	M		10/04/84	NM-1		5001
			02/01/85	NM-9		
25S/26E-12M01	M	489.5	10/09/84	250.5	239.0	5001
			02/01/85	232.5	257.0	
25S/26E-14A01	M	472.0	10/09/84	220.0	252.0	5001
			02/01/85	201.0	271.0	
25S/26E-16J01	M		10/09/84	NM-9		5001
		407.0	02/01/85	208.5	198.5	
25S/26E-16P01	M	388.0	10/01/84	118.5(9)	269.5	5001
			01/31/85	64.5(9)	323.5	
25S/26E-16P02	M	388.0	10/01/84	201.0(9)	187.0	5001
			01/31/85	171.0(9)	217.0	
25S/26E-17C01	M	362.0	10/09/84	101.0	261.0	5001
			02/01/85	73.0	289.0	
25S/26E-19R01	M	340.0	10/09/84	73.0	267.0	5001
			01/29/85	NM-4		
25S/26E-19J01	M	351.0	10/09/84	65.0	286.0	5001
			01/29/85	89.0	262.0	
25S/26E-22G01	M	433.0	10/09/84	202.0	231.0	5001
			02/01/85	186.0	247.0	
25S/26E-28H02	M	415.0	10/09/84	127.0	288.0	5001
			01/29/85	121.0	294.0	
25S/26E-28J02	M	417.0	10/09/84	145.0	272.0	5001
			01/29/85	128.0	289.0	
25S/26E-30A01	M	352.0	10/09/84	140.0	212.0	5001
			01/30/85	120.0	232.0	
25S/26E-30J01	M	351.3	10/09/84	134.0	217.3	5001
			01/30/85	113.0	238.3	
25S/26E-34P01	M	462.0	10/09/84	255.0	207.0	5001
			01/30/85	NM-4		
25S/27E-06R01	M		10/01/84	NM-7		5001
		546.0	02/01/85	440.0(9)	106.0	5050
25S/27E-07J01	M		10/01/84	NM-7		5001
		550.0	02/01/85	391.0(9)	159.0	5050
25S/27E-08J01	M		10/01/84	NM-7		5001
		580.0	02/01/85	442.0(9)	138.0	5050
26S/24E-10R01	M	277.5	10/10/84	230.0(9)	47.5	5001
			02/13/85	187.0(9)	90.5	
			09/30/85	NM-1		
26S/24E-11H01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
		284.4	09/30/85	226.2	58.2	
26S/24E-11P01	M	282.5	10/01/84	238.2	44.3	5050
			01/28/85	174.2(9)	108.3	
			09/30/85	NM-6		5001
26S/24E-11P02	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-1		
26S/24E-12H01	M	293.0	10/10/84	232.0(9)	61.0	5001
			02/13/85	173.0(9)	120.0	
			09/30/85	NM-7		
26S/24E-12P01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-12R01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
		298.3	09/30/85	226.4	71.9	
26S/24E-24R01	M		10/10/84	NM-2		5001
			02/13/85	NM-7		
			09/30/85	NM-2		
26S/24E-25F01	M		10/10/84	NM-2		5001
			02/13/85	NM-7		
			09/30/85	NM-2		
26S/24E-26P01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-26R02	M	305.0	10/10/84	239.0(9)	66.0	5001
			02/13/85	201.0(9)	104.0	
			09/30/85	246.0(9)	59.0	
26S/24E-33F01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-33H01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-33P01	M		10/10/84	NM-7		5001
		286.0	02/13/85	207.4(9)	78.6	
			09/30/85	238.4(9)	47.6	
26S/24E-33R01	M	289.5	10/01/84	250.5	39.0	5001
			10/10/84	240.6(9)	48.9	
			01/28/85	198.5	91.0	
			02/13/85	NM-1		
			09/30/85	241.5	48.0	
26S/24E-34F01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-1		
26S/24E-34H01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-2		
26S/24E-34P01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
		295.5	09/30/85	240.6(9)	54.9	
26S/24E-34R01	M	301.0	10/01/84	254.0	47.0	5001
			10/10/84	245.0(9)	56.0	
			01/28/85	203.0	98.0	
			02/13/85	209.0	92.0	
			09/30/85	NM-2		
26S/24E-35F01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
			09/30/85	NM-7		
26S/24E-35H01	M	311.0	10/01/84	252.5	58.5	5001
			10/10/84	242.5(9)	68.5	
			01/28/85	201.5	109.5	
			02/13/85	168.5(9)	142.5	
			09/30/85	240.5	70.5	
26S/24E-35R02	M	314.5	10/05/84	248.0(9)	66.5	5001
			01/28/85	216.0(9)	98.5	
			09/30/85	244.0	70.5	
26S/24E-36P02	M	319.0	10/01/84	243.5	75.5	5001
			01/28/85	196.5	122.5	
			09/30/85	232.5	86.5	
26S/25E-03R01	M	331.0	10/09/84	147.0	184.0	5001
			01/30/85	134.0	197.0	
26S/25E-04R01	M		10/09/84	NM-4		5001
			01/30/85	NM-4		
26S/25E-05A01	M		10/09/84	NM-6		5001
26S/25E-05C01	M	302.0	10/09/84	141.0	161.0	5001
			01/30/85	131.0	171.0	
26S/25E-07F01	M	301.0	10/01/84	236.8(9)	64.2	5050
			01/28/85	172.8	128.2	
26S/25E-07H01	M	309.3	10/01/84	229.9(9)	79.4	5050
			01/28/85	182.9(9)	126.4	
26S/25E-07P01	M	304.4	10/01/84	235.0(9)	69.4	5050
			01/28/85	173.0(9)	131.4	
26S/25E-07R01	M	311.9	10/01/84	225.8(9)	86.1	5050
			01/28/85	166.8(9)	145.1	
26S/25E-08F01	M		10/01/84	NM-1		5001
		312.9	01/28/85	166.7(9)	146.2	5050
26S/25E-08H01	M	319.9	10/01/84	199.2(9)	120.7	5050
			01/28/85	148.2(9)	171.7	
26S/25E-08P01	M	315.5	10/01/84	240.9(9)	74.6	5050
			01/29/85	164.9(9)	150.6	
26S/25E-08R01	M		10/01/84	NM-6		5001
			01/28/85	NM-4		5050
26S/25E-09F01	M		10/01/84	NM-1		5001
		324.8	01/28/85	151.9(9)	172.9	5050
26S/25E-09P01	M	327.8	10/01/84	182.2(9)	145.6	5050
			01/28/85	145.2(9)	182.6	
26S/25E-09R01	M	333.6	10/01/84	188.5(9)	145.1	5050
			01/28/85	149.5(9)	184.1	
26S/25E-12A01	M	345.0	10/09/84	194.0	151.0	5001
			01/30/85	NM-4		
26S/25E-15F01	M	342.5	10/01/84	197.5(9)	145.0	5050
			01/28/85	155.5(9)	187.0	
26S/25E-15P01	M	348.0	10/01/84	193.3(9)	154.7	5050
			01/28/85	156.3(9)	191.7	
26S/25E-15R01	M	352.5	10/01/84	198.6(9)	153.7	5050
			01/28/85	158.6(9)	193.7	
26S/25E-16F01	M		10/01/84	NM-1		5001
		331.2	01/28/85	150.7(9)	180.5	5050
26S/25E-16H01	M	337.5	10/01/84	192.0(9)	145.5	5050
			01/28/85	152.0(9)	185.5	
26S/25E-16R01	M	340.9	10/01/84	196.0(9)	144.9	5050

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C	TULARE LAKE HB					
C-01	SOUTH VALLEY FLOOR HU					
C-01.T	NORTH KERN HA					
26S/25E-16R01	M	340.9	01/28/85	155.0(9)	185.9	5050
26S/25E-19F01	M		10/01/84	NM-1		5001
		312.5	01/28/85	178.5(9)	134.0	5050
26S/25E-19J01	M		10/01/84	NM-1		5001
		321.0	01/28/85	193.5(9)	127.5	5050
26S/25E-19P01	M		10/01/84	NM-1		5001
		318.3	01/28/85	184.0(9)	134.3	5050
26S/25E-19R01	M		10/01/84	NM-1		5001
		323.0	01/28/85	204.5(9)	118.5	5050
26S/25E-21K01	M	354.2	02/05/85	156.5	197.7	5001
26S/25E-22H01	M	356.5	10/01/84	196.1(9)	160.4	5050
			01/28/85	166.1(9)	190.4	
26S/25E-23F01	M		10/01/84	NM-1		5001
		361.0	01/28/85	163.0(9)	198.0	5050
26S/25E-23H01	M		10/01/84	NM-1		5001
		367.0	01/28/85	170.5(9)	196.5	5050
26S/25E-23R01	M	371.0	10/01/84	193.3(9)	177.7	5050
			01/28/85	167.3(9)	203.7	
26S/25E-24G01	M	372.4	10/09/84	180.5	191.9	5001
			01/30/85	189.5	182.9	
26S/25E-24P01	M	376.0	10/09/84	135.5	240.5	5001
			01/30/85	78.5	297.5	
26S/25E-24Q02	M	376.0	10/01/84	201.0(9)	175.0	5050
			01/28/85	178.0(9)	198.0	
26S/25E-25F01	M	378.0	10/01/84	221.3(9)	156.7	5050
			01/28/85	196.3(9)	181.7	
26S/25E-25H01	M	383.0	10/01/84	237.4(9)	145.6	5050
			01/28/85	212.4(9)	170.6	
26S/25E-25P01	M	383.3	10/01/84	208.3(9)	175.0	5050
			01/28/85	195.3(9)	188.0	
26S/25E-25R01	M	387.5	10/01/84	217.0(9)	170.5	5050
			01/28/85	NM-1		
26S/25E-26N01	M	369.7	02/04/85	168.3	201.4	5001
26S/25E-26N02	M	371.9	02/05/85	179.9	192.0	5001
26S/25E-27B01	M	357.8	02/04/85	171.8	186.0	5001
26S/25E-27J01	M	365.0	02/04/85	177.7	187.3	5001
26S/25E-27N01	M	354.0	02/05/85	165.0	189.0	5001
26S/25E-27Q01	M	362.0	02/05/85	164.7	197.3	5001
26S/25E-28Q01	M	347.0	02/05/85	187.5	159.5	5001
26S/25E-30H01	M	325.6	02/05/85	174.2	151.4	5001
26S/25E-31F01	M	327.2	10/01/84	243.5(9)	83.7	5050
			01/28/85	196.5(9)	130.7	
26S/25E-31P02	M	330.0	10/01/84	249.9(9)	80.1	5050
			01/28/85	203.9(9)	126.1	
26S/25E-31R01	M	336.6	10/01/84	245.1(9)	91.5	5050
			01/28/85	205.1(9)	131.5	
26S/25E-34J01	M	370.9	02/05/85	186.5	184.4	5001
26S/25E-34R01	M	373.0	02/05/85	188.0	185.0	5001
26S/25E-35B01	M	378.7	02/04/85	162.5	216.2	5001
26S/25E-35E01	M	368.0	02/05/85	183.5	184.5	5001
26S/25E-36E01	M	385.1	02/04/85	189.5	195.6	5001
26S/25E-36L01	M	392.5	02/04/85	196.5	196.0	5001
26S/26E-01H01	M		10/01/84	NM-7		5001
		600.0	01/30/85	439.0(9)	161.0	5050
26S/26E-02A02	M		10/01/84	NM-7		5001
			01/30/85	NM-4		5050
26S/26E-04R01	M		10/09/84	NM-4		5001
			01/30/85	NM-4		
26S/26E-06H02	M	373.0	10/09/84	175.0	198.0	5001
			01/30/85	140.0	233.0	
26S/26E-08H02	M	416.0	10/09/84	252.0	164.0	5001
			01/30/85	235.0	181.0	
26S/26E-12B01	M	607.0	11/07/84	499.1	107.9	5001
			03/05/85	493.5	113.5	
26S/26E-12F01	M		10/01/84	NM-7		5001
		573.0	01/30/85	525.0(9)	48.0	5050
26S/26E-12Q01	M		10/01/84	NM-7		5001
		596.0	01/30/85	501.0(9)	95.0	5050

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C	TULARE LAKE HB					
C-01	SOUTH VALLEY FLOOR HU					
C-01.T	NORTH KERN HA					
26S/26E-13H01	M	633.0	11/07/84	529.4	103.6	5001
			03/05/85	516.7	116.3	
26S/26E-13K01	M		10/01/84	NM-7		5001
			01/30/85	NM-5		5050
26S/26E-14H01	M		10/01/84	NM-7		5001
			01/30/85	NM-1		5050
26S/26E-17J01	M		10/09/84	NM-1		5001
		420.0	01/30/85	266.5	153.5	
26S/26E-18E02	M	366.0	10/09/84	202.0	164.0	5001
			01/22/85	NM-1		
26S/26E-21R01	M		10/01/84	NM-7		5001
		474.0	01/30/85	357.0(9)	117.0	5050
			01/31/85	358.0(9)	116.0	5001
26S/26E-22E01	M	482.0	10/01/84	410.0	72.0	5001
			02/01/85	396.0	86.0	
26S/26E-23D01	M		10/01/84	NM-0		5001
			03/05/85	NM-0		7123
26S/26E-24F01	M		10/01/84	NM-7		5001
		620.0	11/08/84	492.0	128.0	7123
			01/30/85	479.0(9)	141.0	5050
			03/05/85	479.0	141.0	7123
26S/26E-25A01	M	675.0	11/07/84	542.6	132.4	5001
			03/05/85	546.7	128.3	
26S/26E-26A01	M		10/01/84	NM-7		5001
		580.0	01/30/85	505.0(9)	75.0	5050
26S/26E-27A01	M	537.0	10/01/84	474.0	63.0	5001
			02/01/85	460.0	77.0	
26S/26E-27D01	M	482.5	10/01/84	417.5	65.0	5001
			02/01/85	399.5	83.0	
26S/26E-27H01	M		10/01/84	NM-7		5001
			01/30/85	NM-4		
			01/31/85	NM-4		5050
26S/26E-27N01	M		10/01/84	NM-7		5001
			01/30/85	NM-4		
			01/31/85	NM-4		5050
26S/26E-28F01	M		10/04/84	NM-1		5001
		412.0	01/31/85	296.5(9)	115.5	
			09/30/85	297.5	114.5	
26S/26E-32M01	M	405.0	10/01/84	260.7	145.3	5001
			03/05/85	239.0	167.0	
26S/26E-34A01	M	540.0	10/01/84	446.0	94.0	7123
26S/26E-34F01	M	520.0	02/01/85	437.2	82.8	7123
26S/26E-35H01	M		10/01/84	NM-7		5001
		610.0	01/30/85	518.0(9)	92.0	
			01/31/85	517.0(9)	93.0	5050
26S/26E-35P01	M		10/01/84	NM-7		5001
		592.0	01/30/85	493.0(9)	99.0	
			01/31/85	493.0(9)	99.0	5050
26S/26E-35R01	M		10/01/84	NM-7		5001
		621.0	01/30/85	516.0(9)	105.0	
			01/31/85	515.0(9)	106.0	5050
26S/26E-36B01	M	660.0	10/01/84	483.0	177.0	7123
			02/01/85	469.0	191.0	5001
26S/26E-36J01	M		10/01/84	NM-7		5001
		680.0	01/30/85	517.0(9)	163.0	
			01/31/85	517.0(9)	163.0	5050
26S/27E-18L01	M		10/01/84	NM-7		5001
			01/30/85	NM-1		5050
26S/27E-31K01	M	720.0	11/07/84	576.5	143.5	5001
			03/05/85	550.8	169.2	
26S/27E-31Q01	M		10/01/84	NM-7		5001
		730.0	01/30/85	568.0(9)	162.0	5050
27S/24E-01L02	M	322.0	10/01/84	230.5	91.5	5001
			01/28/85	208.5	113.5	
			09/30/85	221.5	100.5	
27S/24E-01L03	M	322.0	10/01/84	229.5	92.5	5001
			01/28/85	236.5	85.5	
			09/30/85	222.5	99.5	
27S/24E-01L04	M	322.0	10/01/84	230.5	91.5	5001
			01/28/85	209.5	112.5	
			09/30/85	221.5	100.5	
27S/24E-01M01	M	322.0	10/04/84	229.0(9)	93.0	5050
			01/31/85	233.0(9)	89.0	
27S/24E-03L03	M	301.0	10/01/84	243.0	58.0	5001
			01/28/85	199.0	102.0	
			09/30/85	234.0	67.0	
27S/24E-04C01	M		10/10/84	NM-7		5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.T		NORTH KERN HA				
27S/24E-04C01	M		02/13/85	NM-7		5001
27S/24E-04G01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
27S/24E-04H01	M	292.7	10/01/84	269.5	23.2	5001
			10/10/84	232.2(9)	60.5	
			01/28/85	201.5	91.2	
			02/13/85	205.2(9)	87.5	
			09/30/85	260.5	32.2	
27S/24E-04P01	M		10/10/84	NM-7		5001
		289.2	02/13/85	190.6(9)	98.6	
27S/24E-04R01	M		10/10/84	NM-7		5001
			02/13/85	NM-7		
27S/24E-05F01	M		10/10/84	NM-7		5001
			02/13/85	NM-1		
27S/24E-05H01	M	282.0	10/01/84	250.0	32.0	5001
			10/10/84	244.1(9)	37.9	
			01/28/85	199.0	83.0	
			02/13/85	NM-1		
			09/30/85	243.0	39.0	
27S/24E-05P01	M		10/10/84	NM-7		5001
			02/13/85	NM-1		
27S/24E-05R01	M		10/10/84	NM-7		5001
			02/13/85	NM-1		
27S/24E-08H01	M		10/10/84	NM-7		5001
			02/13/85	NM-1		
27S/24E-08R01	M		10/10/84	NM-7		5001
			02/13/85	NM-1		
27S/24E-10G01	M	301.0	10/01/84	248.0	53.0	5001
			01/28/85	205.0	96.0	
			09/30/85	239.0	62.0	
27S/24E-11F01	M	316.0	10/01/84	249.5	66.5	5001
			01/28/85	NM-1		
			09/30/85	NM-1		
27S/24E-13D01	M	324.0	10/01/84	262.0	62.0	5001
			01/28/85	230.0	94.0	
			09/30/85	249.0	75.0	
27S/24E-14F01	M	316.0	10/01/84	252.0	64.0	5001
			01/28/85	215.0	101.0	
			09/30/85	244.0	72.0	
27S/24E-16H01	M	300.2	10/04/84	251.4(9)	48.8	5050
			01/31/85	220.4(9)	79.8	
27S/24E-16P01	M	295.7	10/04/84	254.7(9)	41.0	5050
			01/31/85	222.7(9)	73.0	
27S/24E-16R01	M	301.9	10/04/84	279.0(9)	22.9	5050
			01/31/85	248.0(9)	53.9	
27S/24E-23F03	M	320.0	10/01/84	256.5	63.5	5001
			01/28/85	224.5	95.5	
			09/30/85	249.5	70.5	
27S/24E-23Q02	M	323.0	10/04/84	230.5(9)	92.5	5050
			01/31/85	219.5(9)	103.5	
27S/24E-24L02	M	331.0	10/01/84	258.0	73.0	5001
			01/28/85	227.0	104.0	
			09/30/85	251.0	80.0	
27S/24E-25R02	M		10/01/84	NM-1		5001
		334.0	01/28/85	230.0	104.0	
			09/30/85	247.0	87.0	
27S/24E-26F01	M	316.3	10/10/84	265.5(9)	50.8	5001
			02/13/85	241.5(9)	74.8	
27S/24E-26P01	M		10/10/84	NM-7		5001
			02/14/85	NM-2		
27S/24E-26R02	M	322.1	10/01/84	261.0	61.1	5001
			10/10/84	NM-7		
			01/28/85	231.0	91.1	
			02/14/85	NM-7		
			09/30/85	254.0	68.1	
27S/24E-27H01	M		10/01/84	NM-1		5001
			10/10/84	NM-2		
		310.0	01/29/85	237.0	73.0	
			02/14/85	NM-2		
			09/30/85	NM-2		
27S/24E-27R01	M		10/10/84	NM-2		5001
			02/14/85	NM-2		
27S/24E-28H01	M		10/01/84	NM-1		5001
		301.0	01/29/85	232.0	69.0	
			09/30/85	NM-1		
27S/24E-33A01	M	300.5	10/04/84	262.5(9)	38.0	5050
			01/31/85	NM-1		
27S/24E-34F01	M	305.7	10/01/84	250.0	55.7	5001
			10/10/84	183.2(9)	122.5	
			01/29/85	233.0	72.7	
27S/24E-34F01	M	305.7	02/14/85	248.2(9)	57.5	5001
			09/30/85	246.0	59.7	
27S/24E-35C01	M	321.8	10/10/84	267.0(9)	54.8	5001
			02/14/85	NM-1		
27S/24E-35J01	M	320.0	10/01/84	251.0	69.0	5001
			10/10/84	NM-7		
			01/29/85	236.0	84.0	
			02/14/85	NM-7		
			09/30/85	247.0	73.0	
27S/24E-35K01	M		10/10/84	NM-7		5001
			02/14/85	NM-2		
27S/24E-36L01	M	324.0	10/02/84	256.5	67.5	5001
			01/29/85	236.5	87.5	
27S/25E-01N01	M	394.0	10/04/84	90.0	304.0	5050
			01/31/85	92.0	302.0	
27S/25E-01N02	M	395.0	02/04/85	211.9	183.1	5001
27S/25E-01N03	M	394.0	10/04/84	247.0	147.0	5050
			01/31/85	219.0	175.0	
27S/25E-01Q01	M	404.0	02/04/85	209.0	195.0	5001
27S/25E-03H01	M	372.0	02/05/85	190.0	182.0	5001
27S/25E-03J02	M	373.0	10/04/84	232.0(9)	141.0	5050
			01/31/85	207.0(9)	166.0	
27S/25E-04H01	M	361.0	10/04/84	233.5(9)	127.5	5050
			01/31/85	202.5(9)	158.5	
27S/25E-05H01	M	350.7	10/04/84	246.5	104.2	5050
			01/31/85	213.5	137.2	
27S/25E-07L01	M	342.0	10/02/84	253.5	88.5	5001
			01/28/85	220.5	121.5	
27S/25E-10B01	M	376.1	02/05/85	221.9	154.2	5001
27S/25E-10J01	M	379.7	10/04/84	241.2(9)	138.5	5050
			01/31/85	216.2	163.5	
27S/25E-10L01	M	375.0	02/05/85	214.5	160.5	5001
27S/25E-10N01	M	374.3	02/05/85	217.5	156.8	5001
27S/25E-10R01	M	382.8	10/04/84	232.4(9)	150.4	5050
			01/31/85	214.4(9)	168.4	
27S/25E-15F01	M	380.9	10/04/84	250.1(9)	130.8	5050
			01/31/85	226.1(9)	154.8	
27S/25E-15H01	M	387.0	10/04/84	266.3(9)	120.7	5050
			01/31/85	234.3(9)	152.7	
27S/25E-15J01	M	389.1	10/04/84	274.0(9)	115.1	5050
			01/31/85	252.0(9)	137.1	
27S/25E-15L01	M	381.5	10/04/84	264.5(9)	117.0	5050
			01/31/85	243.5(9)	138.0	
27S/25E-16H01	M	374.2	02/05/85	225.1	149.1	5001
27S/25E-16Q01	M	375.7	02/05/85	228.5	147.2	5001
27S/25E-18P01	M	345.0	10/02/84	252.6	92.4	5001
			01/28/85	219.6	125.4	
27S/25E-19N01	M	339.0	10/02/84	253.0	86.0	5001
			01/28/85	228.0	111.0	
27S/25E-19N03	M		10/02/84	NM-1		5001
		337.0	01/29/85	232.5	104.5	
27S/25E-20L01	M		10/02/84	NM-1		5001
			01/28/85	NM-2		
27S/25E-21B01	M	373.5	10/04/84	262.2(9)	111.3	5050
			01/31/85	243.2(9)	130.3	
27S/25E-21K01	M		10/04/84	NM-1		5001
			01/31/85	NM-7		5050
27S/25E-22A02	M	391.0	10/04/84	269.0(9)	122.0	5050
			01/31/85	248.0(9)	143.0	
27S/25E-22C01	M	392.2	10/04/84	260.2(9)	122.0	5050
			01/31/85	234.2(9)	148.0	
27S/25E-22J01	M	391.5	10/04/84	269.3(9)	122.2	5050
			01/31/85	241.3(9)	150.2	
27S/25E-22L01	M		10/04/84	NM-4		5001
			01/31/85	NM-7		5050
27S/25E-23A01	M	405.1	02/05/85	250.0	155.1	5001
27S/25E-23C01	M	399.8	02/05/85	244.0	155.8	5001
27S/25E-24C01	M	410.6	02/05/85	250.0	160.6	5001
27S/25E-25A01	M	419.1	10/04/84	273.0(9)	145.1	5050
			01/31/85	264.0(9)	154.1	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C TULARE LAKE HB						
C-01 SOUTH VALLEY FLOOR HU						
C-01.T NORTH KERN HA						
27S/25E-25C01	M	409.9	10/04/84	267.3(9)	142.6	5050
			01/31/85	254.3(9)	155.6	
27S/25E-25J01	M	413.6	10/04/84	267.1(9)	146.5	5050
			01/31/85	253.1(9)	160.5	
27S/25E-26B01	M	397.0	10/04/84	257.9(9)	139.1	5050
			01/31/85	240.9(9)	156.1	
27S/25E-26G01	M	400.4	10/04/84	263.8(9)	136.6	5050
			01/31/85	264.8(9)	135.6	
27S/25E-26K01	M		10/04/84	NM-1		5001
		396.8	01/31/85	244.4(9)	152.4	5050
27S/25E-27A01	M	388.4	10/04/84	267.9(9)	120.5	5050
			01/31/85	255.9(9)	132.5	
27S/25E-27C01	M		10/04/84	NM-1		5001
		383.3	01/31/85	236.5	146.8	5050
27S/25E-27P01	M	373.0	10/02/84	239.0	134.0	5001
			01/28/85	223.0	150.0	
27S/25E-28A01	M	375.0	10/04/84	259.0	116.0	5050
			01/31/85	238.0	137.0	
27S/25E-28F01	M	368.8	10/02/84	251.0	117.8	5001
			01/28/85	229.0	139.8	
27S/25E-29H03	M	363.0	10/02/84	250.5	112.5	5001
			01/28/85	229.5	133.5	
27S/25E-30A02	M	350.0	10/02/84	249.0	101.0	5001
			01/28/85	229.0	121.0	
27S/25E-31G02	M	345.0	10/02/84	252.8	92.2	5001
			01/28/85	233.8	111.2	
27S/25E-32L01	M		10/02/84	NM-1		5001
		351.0	01/29/85	236.5	114.5	
27S/25E-33R02	M	365.0	10/02/84	247.0	118.0	5001
			01/28/85	224.0	141.0	
27S/25E-34A02	M	384.4	10/04/84	264.5(9)	119.9	5050
			01/31/85	230.5	153.9	
27S/25E-34L01	M	373.0	10/02/84	237.5	135.5	5001
			01/28/85	226.5	146.5	
27S/25E-35A01	M	393.1	10/04/84	255.9(9)	137.2	5050
			01/31/85	242.9(9)	150.2	
27S/25E-35C01	M	390.6	10/04/84	253.6(9)	137.0	5050
			01/31/85	235.6(9)	155.0	
27S/25E-35L01	M	384.6	10/04/84	239.3(9)	145.3	5050
			01/31/85	225.3(9)	159.3	
27S/25E-36A01	M	412.6	10/04/84	263.8(9)	148.8	5050
			01/31/85	249.8(9)	162.8	
27S/25E-36C01	M	403.0	10/04/84	253.1(9)	149.9	5050
			01/31/85	250.1(9)	152.9	
27S/25E-36J01	M	410.8	10/04/84	257.2(9)	153.6	5050
			01/31/85	241.2	169.6	
27S/25E-36M01	M	393.2	10/04/84	207.0(9)	186.2	5050
			01/31/85	223.0(9)	170.2	
27S/26E-01G01	M		10/04/84	NM-7		5001
		676.0	01/30/85	494.0(9)	182.0	5050
27S/26E-01R01	M	681.0	11/07/84	499.8	181.2	5001
			03/05/85	487.5	193.5	
27S/26E-02E01	M		10/04/84	NM-7		5001
		550.0	01/30/85	465.5(9)	84.5	5050
27S/26E-02J01	M	600.0	10/01/84	519.0	81.0	5001
			02/01/85	515.0	85.0	
27S/26E-03B01	M	525.0	10/01/84	468.5	56.5	5001
			02/01/85	459.5	65.5	
27S/26E-04L01	M	471.0	10/04/84	350.0(9)	121.0	5001
			01/30/85	317.0(9)	154.0	
27S/26E-04R01	M		10/04/84	NM-7		5001
		505.0	01/30/85	377.0(9)	128.0	5050
27S/26E-05P01	M		10/04/84	NM-1		5001
		426.3	01/28/85	259.9(9)	166.4	5050
27S/26E-06D01	M	406.7	02/04/85	216.0	190.7	5001
27S/26E-06L01	M	413.0	02/04/85	230.8	182.2	5001
27S/26E-06N01	M		02/04/85	NM-9		5001
27S/26E-06P01	M	415.8	02/04/85	246.1	169.7	5001
27S/26E-07A03	M		01/28/85	NM-4		5050
27S/26E-07B01	M	420.0	10/04/84	251.2(9)	168.8	5050
			01/28/85	229.2(9)	190.8	
27S/26E-07F01	M	419.7	02/04/85	243.5	176.2	5001
27S/26E-07P01	M	422.4	02/04/85	245.9	176.5	5001
27S/26E-07R01	M	433.4	10/04/84	286.8(9)	146.6	5050
			01/28/85	262.8(9)	170.6	
27S/26E-08F01	M	430.0	10/04/84	302.0	128.0	5050
			01/28/85	264.0(9)	166.0	
27S/26E-08Q01	M	442.5	10/04/84	299.4(9)	143.1	5050
			01/28/85	269.4(9)	173.1	
27S/26E-09G01	M	480.0	10/01/84	331.0	149.0	5001
			02/01/85	308.0	172.0	
27S/26E-10J01	M	560.0	10/01/84	422.5	137.5	5001
			02/01/85	390.5	169.5	
27S/26E-12H01	M		10/04/84	NM-7		5001
		680.0	01/30/85	484.0(9)	196.0	5050
27S/26E-13F01	M	621.0	11/08/84	530.5	90.5	5001
			03/05/85	521.6	99.4	
27S/26E-14A01	M	597.0	10/01/84	479.0	118.0	5001
			02/01/85	475.0	122.0	
27S/26E-14J01	M		10/04/84	NM-7		5001
		568.0	01/30/85	472.0(9)	96.0	5050
27S/26E-14P01	M	533.0	10/01/84	466.0	67.0	5001
			02/01/85	461.0	72.0	
27S/26E-15L01	M		10/04/84	NM-7		5001
			01/30/85	NM-3		5050
27S/26E-15R01	M	515.0	10/01/84	413.0	102.0	5001
			02/01/85	385.0	130.0	
27S/26E-16R01	M	470.0	11/08/84	283.5	186.5	5001
			03/05/85	283.8	186.2	
27S/26E-17D01	M	440.0	10/01/84	362.5	77.5	5001
			02/01/85	269.5	170.5	
27S/26E-17H01	M	448.0	10/04/84	320.0(9)	128.0	5001
			01/30/85	285.0(9)	163.0	
27S/26E-17P01	M	448.0	10/01/84	299.5	148.5	5001
			02/01/85	285.5	162.5	
27S/26E-18E01	M	422.0	02/04/85	259.5	162.5	5001
27S/26E-18P01	M	431.0	10/04/84	293.0(9)	138.0	5050
			01/28/85	276.0(9)	155.0	
27S/26E-19E02	M	421.9	02/04/85	263.9	159.0	5001
27S/26E-19H01	M	434.0	10/04/84	301.0(9)	133.0	5050
			01/28/85	280.0(9)	154.0	
27S/26E-19L01	M	425.0	02/04/85	266.8	158.2	5001
27S/26E-20A01	M	441.3	10/04/84	331.0(9)	110.3	5001
			01/30/85	306.0(9)	135.3	
27S/26E-20D01	M	445.5	10/04/84	307.2(9)	138.3	5050
			01/28/85	NM-2		
27S/26E-20F01	M		10/10/84	NM-7		5001
			02/14/85	NM-7		
27S/26E-21F01	M	471.0	10/04/84	334.0(9)	137.0	5001
			01/30/85	305.0(9)	166.0	
27S/26E-25H01	M	510.0	11/08/84	445.0	65.0	5001
			03/05/85	435.0	75.0	
27S/26E-25Q01	M	611.0	10/04/84	560.0(8)	51.0	5001
			01/29/85	524.0(9)	87.0	
27S/26E-28K02	M	481.0	10/04/84	348.0(9)	133.0	5001
			01/29/85	322.0(9)	159.0	
27S/26E-30C01	M	423.1	10/04/84	283.1(9)	140.0	5050
			01/28/85	271.1(9)	152.0	
27S/26E-30R02	M	440.0	01/28/85	276.0(9)	164.0	5050
27S/26E-31C01	M	424.3	10/04/84	281.9(9)	142.4	5050
			01/28/85	267.9	156.4	
27S/26E-31L01	M	424.2	10/04/84	276.2(9)	148.0	5050
			01/28/85	255.2(9)	169.0	
27S/26E-31R01	M		02/04/85	NM-9		5001
27S/26E-32A01	M	462.0	10/04/84	333.5(9)	128.5	5050
			11/08/84	322.9	139.1	5001
			02/01/85	320.5(9)	141.5	5050
			03/05/85	308.4	153.6	5001
27S/26E-32N01	M	438.0	10/04/84	265.0	173.0	5050
			02/01/85	268.0(9)	170.0	
27S/26E-33J01	M	475.0	10/01/84	335.0	140.0	5001
			02/01/85	321.0	154.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.T		NORTH KERN HA				
27S/26E-34L01	M	483.0	10/04/84	337.0(9)	146.0	5001
			01/29/85	322.0(9)	161.0	
27S/26E-36H01	M	595.0	11/08/84	527.7	67.3	5001
			03/07/85	522.8	72.2	
27S/27E-06Q01	M		10/04/84	NM-7		5001
		717.0	11/07/84	539.0	178.0	7123
			01/30/85	521.0(9)	196.0	5050
			03/05/85	527.7	189.3	7123
27S/27E-07N01	M	680.0	11/07/84	481.5	198.5	5001
			03/05/85	467.9	212.1	
27S/27E-08E01	M		10/04/84	NM-7		5001
		735.0	01/30/85	533.0(9)	202.0	5050
28S/24E-01L01	M	323.0	10/02/84	249.0	74.0	5001
			01/28/85	237.0	86.0	
28S/24E-02B01	M	315.2	10/10/84	254.5(9)	60.7	5001
			02/14/85	239.5(9)	75.7	
28S/24E-02F01	M	312.0	10/02/84	248.5	63.5	5001
			10/10/84	NM-7		
			01/28/85	241.5	70.5	
			02/14/85	NM-7		
28S/24E-02P01	M		10/10/84	NM-7		5001
		312.6	02/14/85	266.2(9)	46.4	
28S/24E-03M01	M	298.0	10/05/84	102.0	196.0	5050
			02/01/85	101.0(9)	197.0	
28S/24E-03R01	M	309.0	10/02/84	250.4	58.6	5001
			01/29/85	241.4	67.6	
28S/24E-10R01	M	305.5	10/02/84	249.0	56.5	5001
			01/29/85	239.0	66.5	
28S/24E-11F02	M	311.0	10/02/84	250.0	61.0	5001
			01/29/85	240.0	71.0	
28S/24E-12G01	M	321.0	10/02/84	247.0	74.0	5001
			01/29/85	236.0	85.0	
28S/25E-02A01	M	385.0	10/05/84	235.8(9)	149.2	5050
			02/01/85	222.8(9)	162.2	
28S/25E-02K01	M	374.8	10/05/84	239.0(9)	135.8	5050
			02/01/85	221.0(9)	153.8	
28S/25E-02N01	M	365.0	10/02/84	224.5	140.5	5001
			01/28/85	214.5	150.5	
28S/25E-03G01	M	368.0	10/03/84	221.5	146.5	5001
			01/28/85	209.5	158.5	
28S/25E-04F01	M	356.0	10/03/84	245.2	110.8	5001
			01/29/85	220.2	135.8	
28S/25E-05F01	M	343.0	10/03/84	239.5	103.5	5001
			01/29/85	226.5	116.5	
28S/25E-06F01	M	336.0	10/03/84	251.0	85.0	5001
			01/29/85	239.0	97.0	
28S/25E-07J02	M	331.0	10/03/84	236.0	95.0	5001
			01/29/85	226.0	105.0	
28S/25E-08M01	M	332.0	10/03/84	239.4	92.6	5001
			01/29/85	229.4	102.6	
28S/25E-10B01	M	357.0	10/05/84	232.0(9)	125.0	5050
			02/01/85	221.0(9)	136.0	
28S/25E-10B02	M	357.0	10/03/84	231.9	125.1	5001
			01/29/85	228.9	128.1	
28S/25E-11N01	M	353.0	10/03/84	210.5	142.5	5001
			01/29/85	203.5	149.5	
28S/25E-12B01	M	387.0	10/05/84	227.8(9)	159.2	5050
			02/01/85	NM-7		
28S/25E-13A01	M		10/03/84	NM-1		5001
			10/11/84	NM-2		
		377.0	01/29/85	206.5	170.5	
			02/14/85	NM-7		
28S/25E-13C01	M		10/11/84	NM-2		5001
			02/14/85	NM-2		
28S/25E-13J01	M		10/03/84	NM-2		5001
			10/11/84	NM-2		
			01/29/85	NM-2		
			02/14/85	NM-7		
28S/25E-13L01	M		10/11/84	NM-2		5001
			02/14/85	NM-2		
28S/25E-14L01	M	350.0	10/03/84	213.5	136.5	5001
			01/29/85	206.5	143.5	
28S/25E-15R01	M	341.0	10/03/84	206.6	134.4	5001
			01/30/85	200.6	140.4	
28S/25E-16P01	M	329.0	10/03/84	221.0	108.0	5001
			01/30/85	219.0	110.0	
28S/25E-17R01	M	328.0	10/03/84	219.5	108.5	5001
			01/30/85	221.5	106.5	
28S/25E-18C01	M	322.0	10/03/84	236.8	85.2	5001
			01/29/85	229.8	92.2	
28S/25E-20F01	M	321.0	10/03/84	236.0	85.0	5001
			01/30/85	231.0	90.0	
28S/25E-21F01	M	327.0	10/03/84	220.5	106.5	5001
			01/30/85	217.5	109.5	
28S/25E-23M01	M	336.5	10/03/84	209.6	126.9	5001
			01/30/85	199.6	136.9	
28S/25E-24A01	M		10/11/84	NM-1		5001
			02/14/85	NM-7		
28S/25E-24C01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
28S/25E-24J01	M		10/11/84	NM-7		5001
			02/14/85	NM-6		
28S/25E-24L01	M	348.0	10/03/84	199.5	148.5	5001
			01/30/85	193.5	154.5	
28S/25E-24P01	M	345.0	10/05/84	197.0(9)	148.0	5050
			02/01/85	189.0	156.0	
28S/25E-25B01	M		10/03/84	NM-1		5001
			10/11/84	NM-7		
			01/30/85	NM-2		
			02/14/85	NM-2		
28S/25E-25H01	M		10/11/84	NM-7		5001
			02/14/85	NM-1		
28S/25E-25L01	M	334.0	10/11/84	190.0(9)	144.0	5001
			02/14/85	183.0(9)	151.0	
28S/25E-26A01	M	339.0	10/03/84	205.0	134.0	5001
			01/30/85	201.0	138.0	
28S/25E-28R02	M	325.0	10/04/84	211.0	114.0	5001
			01/30/85	203.0	122.0	
28S/25E-36A01	M		10/11/84	NM-7		5001
		331.5	02/14/85	180.6(9)	150.9	
28S/25E-36C01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
28S/25E-36J01	M		10/04/84	NM-2		5001
			10/11/84	NM-7		
		332.0	01/30/85	165.5	166.5	
			02/14/85	NM-7		
28S/25E-36L01	M	329.4	10/11/84	180.6(9)	148.8	5001
			02/14/85	177.6(9)	151.8	
28S/26E-02A03	M	515.0	10/01/84	430.0	85.0	5001
			02/01/85	426.0	89.0	
28S/26E-02L01	M		11/09/84	NM-0		5001
28S/26E-03C01	M	370.0	11/08/84	323.4	46.6	5001
			03/07/85	326.5	43.5	
28S/26E-05A01	M		10/05/84	NM-2		5001
			02/01/85	NM-2		5050
28S/26E-05E02	M	425.4	02/04/85	244.4	182.0	5001
28S/26E-05F01	M	427.2	02/04/85	248.5	178.7	5001
28S/26E-05H02	M	439.0	10/05/84	267.0(9)	172.0	5050
			02/01/85	262.0	177.0	
28S/26E-09A01	M	444.0	11/08/84	324.0	120.0	5001
			03/07/85	NM-1		
28S/26E-09D01	M	428.5	02/04/85	246.5	182.0	5001
28S/26E-10B01	M	448.0	11/08/84	289.0	159.0	5001
			03/07/85	289.0	159.0	
28S/26E-12J02	M	510.0	11/07/84	407.5	102.5	5001
			03/07/85	402.5	107.5	
28S/26E-14A02	M	449.0	11/09/84	313.5	135.5	5001
			03/07/85	NM-9		
28S/26E-14D01	M	425.0	11/08/84	266.7	158.3	5001
			03/07/85	251.6	173.4	
28S/26E-14P01	M	411.0	02/04/85	181.0	230.0	5001
28S/26E-16A01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
28S/26E-16J01	M	414.9	02/04/85	210.0	204.9	5001
28S/26E-16L01	M	405.0	02/04/85	203.0	202.0	5001
28S/26E-18A02	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
28S/26E-18L03	M	377.0	10/11/84	219.0(9)	158.0	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.T		NORTH KERN HA				
28S/26E-18L03	M	377.0	02/14/85	211.0(9)	166.0	5001
28S/26E-19C01	M		10/11/84	NM-9		5001
		367.4	02/14/85	195.0(9)	172.4	
28S/26E-19F01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
28S/26E-19J01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
28S/26E-19L01	M	360.0	10/04/84	196.0	164.0	5001
			10/11/84	NM-7		
			01/30/85	188.0	172.0	
			02/14/85	NM-7		
28S/26E-21E01	M	381.0	02/04/85	178.0	203.0	5001
28S/26E-21G01	M	391.0	02/04/85	209.6	181.4	5001
28S/26E-21H01	M	388.0	10/05/84	159.5	228.5	5050
			02/01/85	158.5	229.5	
28S/26E-21H02	M	388.0	10/05/84	209.5	178.5	5050
			02/01/85	265.5	122.5	
28S/26E-21H03	M	388.0	10/05/84	239.5	148.5	5050
			02/01/85	237.5	150.5	
28S/26E-21L01	M	376.0	02/04/85	172.4	203.6	5001
28S/26E-27C01	M	379.0	02/04/85	147.0	232.0	5001
28S/26E-29J01	M	353.0	10/11/84	159.0(9)	194.0	5001
			02/14/85	148.0(9)	205.0	
28S/26E-29L01	M		10/04/84	NM-1		5001
			10/11/84	NM-7		
		350.0	01/29/85	210.0	140.0	
			02/14/85	NM-7		
28S/26E-30A01	M		10/04/84	NM-1		5001
			10/11/84	NM-7		
		357.6	01/29/85	172.5	185.1	
			02/14/85	NM-7		
28S/26E-30C01	M	354.2	10/11/84	196.6(9)	157.6	5001
			02/14/85	190.6(9)	163.6	
28S/26E-30F01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
28S/26E-30J01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
28S/26E-30N01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
28S/26E-30R01	M	347.0	10/11/84	171.0(9)	176.0	5001
			02/14/85	NM-7		
28S/26E-31C01	M		10/11/84	NM-1		5001
			02/14/85	NM-1		
28S/26E-31J01	M		10/04/84	NM-1		5001
			10/11/84	NM-1		
		339.0	01/30/85	200.5	138.5	
			02/14/85	NM-1		
28S/26E-31L01	M		10/11/84	NM-7		5001
			02/14/85	NM-1		
28S/26E-33L01	M	353.0	10/11/84	147.0(9)	206.0	5001
			02/14/85	NM-1		
28S/26E-36D01	M	381.0	02/04/85	149.2	231.8	5001
28S/26E-36F01	M	383.0	02/04/85	156.0	227.0	5001
28S/26E-36M01	M	383.0	02/04/85	159.6	223.4	5001
28S/26E-36N01	M	381.1	02/04/85	146.1	235.0	5001
28S/27E-18L01	M	500.0	11/08/84	399.0	101.0	5001
			03/07/85	383.0	117.0	
28S/27E-19C02	M	501.0	11/01/84	407.5	93.5	5001
			03/07/85	389.5	111.5	
28S/27E-28L01	M	588.0	11/01/84	461.8	126.2	5001
			03/07/85	NM-1		
28S/27E-29A01	M	560.0	11/01/84	441.3	118.7	5001
			03/07/85	438.0	122.0	
28S/27E-30P01	M	427.9	11/01/84	223.8	204.1	5001
			03/07/85	223.4	204.5	
28S/27E-31L01	M	410.0	11/01/84	207.0	203.0	5001
			03/07/85	199.0	211.0	
28S/27E-32B02	M		10/11/84	NM-7		5001
		510.0	11/01/84	348.5	161.5	
			02/14/85	NM-7		
			03/07/85	NM-1		
28S/27E-33C01	M	547.1	10/04/84	409.0(9)	138.1	5001
			01/29/85	400.0	147.1	
29S/27E-33K01	M	514.0	10/04/84	383.0(9)	131.0	5001
			01/29/85	382.0(9)	132.0	
29S/26E-01K01	M	381.0	10/03/84	170.0(9)	211.0	5050
			01/29/85	154.0(9)	227.0	
29S/26E-02C01	M	368.0	10/11/84	155.0(9)	213.0	5001
			02/14/85	149.0(9)	219.0	
29S/26E-02G01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-02L01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-03A01	M	361.0	10/11/84	142.5	218.5	5001
			02/14/85	148.5(9)	212.5	
29S/26E-03C01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-03E01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-03J01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-03L01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-04A01	M	350.0	10/11/84	151.5(9)	198.5	5001
			02/14/85	NM-1		
29S/26E-04C01	M		10/11/84	NM-7		5001
		347.0	02/14/85	156.0(9)	191.0	
29S/26E-04D01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-04L01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-05A01	M		10/11/84	NM-2		5001
			02/14/85	NM-1		
29S/26E-05C01	M		10/11/84	NM-2		5001
			02/14/85	NM-7		
29S/26E-05J01	M		10/11/84	NM-7		5001
			02/14/85	NM-1		
29S/26E-05P01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-05R01	M	337.0	10/11/84	156.0(9)	181.0	5001
			02/14/85	152.0(9)	185.0	
29S/26E-06L01	M	331.0	10/03/84	174.5(9)	156.5	5050
			01/29/85	164.5(9)	166.5	
29S/26E-06R01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-07H01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-07R01	M	334.5	10/11/84	164.9(9)	169.6	5001
			02/14/85	153.9(9)	180.6	
29S/26E-08P01	M	337.1	10/11/84	155.5(9)	181.6	5001
			02/14/85	155.5(9)	181.6	
29S/26E-09A01	M	347.4	10/11/84	158.3(9)	189.1	5001
			02/14/85	NM-1		
29S/26E-09H01	M		10/11/84	NM-7		5001
		344.0	02/14/85	139.0(9)	205.0	
29S/26E-09P01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-09R01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-10A01	M	353.2	10/11/84	141.0(9)	212.2	5001
			02/14/85	150.0(9)	203.2	
29S/26E-10F01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-10M01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-10P01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-11A01	M		10/11/84	NM-7		5001
		371.2	02/14/85	154.0(9)	217.2	
29S/26E-11C01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-11J01	M	367.5	10/11/84	153.0(9)	214.5	5001
			02/14/85	NM-7		
29S/26E-11L01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-11M01	M		10/11/84	NM-7		5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C TULARE LAKE HB					
C-01 SOUTH VALLEY FLOOR HU					
C-01.T NORTH KERN HA					
29S/26E-11M01 M		02/14/85	NM-7		5001
29S/26E-12A01 M		10/11/84	NM-7		5001
		02/14/85	NM-7		
29S/26E-12C01 M		10/11/84	NM-7		5001
		02/14/85	NM-7		
29S/26E-12J01 M	378.2	10/11/84	134.4(9)	243.8	5001
		02/14/85	130.4	247.8	
29S/26E-12L01 M		10/11/84	NM-7		5001
		02/14/85	NM-7		
29S/26E-13K01 M		10/11/84	NM-7		5001
		02/14/85	NM-7		
29S/26E-13R01 M	369.8	10/11/84	111.5(9)	258.3	5001
		02/14/85	209.5(9)	160.3	
29S/26E-14A01 M		10/11/84	NM-7		5001
		02/14/85	NM-7		
29S/26E-14K01 M		10/11/84	NM-7		5001
		02/14/85	NM-7		
29S/26E-14Q01 M	357.0	10/11/84	112.0(9)	245.0	5001
		02/14/85	NM-7		
29S/26E-15J01 M	355.0	10/15/84	135.9	219.1	5001
		01/24/85	123.9	231.1	
29S/26E-16F01 M		10/11/84	NM-7		5001
		02/14/85	NM-7		
29S/26E-16H01 M		10/11/84	NM-7		5001
		02/14/85	NM-7		
29S/26E-16P01 M	347.1	10/03/84	137.0	210.1	5050
		01/29/85	133.0(9)	214.1	
29S/26E-16Q01 M	346.5	10/03/84	151.8(9)	194.7	5050
		01/29/85	141.8(9)	204.7	
29S/26E-17H01 M	341.7	10/11/84	156.0(9)	185.7	5001
		02/14/85	148.0(9)	193.7	
29S/26E-17J01 M		10/11/84	NM-7		5001
		02/14/85	NM-7		
29S/26E-17L01 M		10/11/84	NM-7		5001
		02/14/85	NM-7		
29S/26E-18J01 M	335.0	10/11/84	153.0(9)	182.0	5001
		02/14/85	150.0(9)	185.0	
29S/27E-05H01 M	428.0	11/01/84	182.0	246.0	5001
		03/07/85	182.6	245.4	
29S/27E-06E01 M	390.0	10/02/84	177.0(9)	213.0	5050
		01/29/85	162.0(9)	228.0	
29S/27E-06G01 M	390.0	10/02/84	166.0(9)	224.0	5050
		01/29/85	157.0(9)	233.0	
29S/27E-06H01 M	396.0	11/09/84	143.5	252.5	5001
		03/07/85	145.0	251.0	
C-01.U KERN UPLANDS HA					
25S/27E-02A01 M		10/01/84	NM-7		5001
	700.0	01/28/85	569.5(9)	130.5	
		02/01/85	569.5(9)	130.5	5050
25S/27E-02D01 M		10/01/84	NM-7		5001
	625.0	02/01/85	480.5(9)	144.5	5050
25S/27E-03H01 M		10/01/84	NM-7		5001
		02/01/85	NM-4		5050
25S/27E-03N01 M		10/01/84	NM-7		5001
	600.0	02/01/85	486.0(9)	114.0	5050
25S/27E-04P01 M		10/01/84	NM-7		5001
	585.0	02/01/85	489.0(9)	96.0	5050
25S/27E-09B02 M		10/01/84	NM-7		5001
	598.0	02/01/85	482.0(9)	116.0	5050
25S/27E-10F01 M		10/01/84	NM-7		5001
	610.0	02/01/85	488.0(9)	122.0	5050
25S/27E-15P01 M		10/01/84	NM-7		5001
		02/01/85	NM-1		5050
25S/27E-16Q01 M		10/01/84	NM-7		5001
	600.0	02/01/85	531.0(9)	69.0	5050
25S/27E-18A01 M		10/01/84	NM-7		5001
	546.0	02/01/85	449.0(9)	97.0	5050
25S/27E-19F01 M		10/01/84	NM-7		5001
	530.0	02/01/85	446.0(9)	84.0	5050
25S/27E-20C01 M		10/01/84	NM-7		5001
	593.0	02/01/85	471.0(9)	122.0	5050
25S/27E-20H01 M		10/01/84	NM-7		5001
	630.0	02/01/85	498.0(9)	132.0	5050

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C TULARE LAKE HB						
C-01 SOUTH VALLEY FLOOR HU						
C-01.U KERN UPLANDS HA						
25S/27E-21B01 M			10/01/84	NM-7		5001
		637.0	02/01/85	537.0(9)	100.0	5050
25S/27E-21R01 M			10/01/84	NM-7		5001
			02/01/85	NM-1		5050
25S/27E-24M01 M			10/01/84	NM-7		5001
		775.0	01/31/85	593.0(9)	182.0	5050
			02/01/85	593.0(9)	182.0	5001
25S/27E-26D01 M			10/01/84	NM-7		5001
		775.0	01/31/85	599.0(9)	176.0	5050
			02/01/85	599.0(9)	176.0	5001
25S/27E-27K01 M			10/01/84	NM-7		5001
		778.0	01/31/85	592.0(9)	186.0	5050
25S/27E-28G02 M			10/01/84	NM-7		5001
			01/31/85	NM-5		5050
25S/27E-28K01 M			10/01/84	NM-7		5001
		729.0	01/31/85	638.0(9)	91.0	5050
25S/27E-29K01 M			10/01/84	NM-7		5001
		700.0	01/31/85	589.0(9)	111.0	5050
25S/27E-31M01 M			10/01/84	NM-7		5001
		607.0	01/31/85	530.0(9)	77.0	5050
25S/27E-33H01 M			10/01/84	NM-7		5001
		730.0	01/31/85	640.0(9)	90.0	5050
25S/27E-34Q01 M			10/01/84	NM-7		5001
		775.0	01/31/85	705.0(9)	70.0	5050
25S/27E-35G01 M			10/01/84	NM-7		5001
		852.0	01/31/85	638.0(9)	214.0	5050
25S/27E-35K01 M			10/01/84	NM-7		5001
		852.0	01/31/85	635.0(9)	217.0	5050
25S/27E-35K02 M			10/01/84	NM-7		5001
		852.0	01/31/85	649.0(9)	203.0	5050
26S/26E-22P01 M			10/01/84	NM-7		5001
		510.0	01/30/85	400.0(9)	110.0	5050
			01/31/85	400.0(9)	110.0	5001
26S/26E-34P01 M			10/01/84	NM-7		5001
		548.0	01/30/85	446.0(9)	102.0	
			01/31/85	446.0(9)	102.0	5050
26S/27E-04H01 M			10/01/84	NM-7		5001
		712.0	01/30/85	634.0(9)	78.0	5050
26S/27E-06Q01 M			10/01/84	NM-7		5001
			01/30/85	NM-4		5050
26S/27E-07Q01 M			10/01/84	NM-7		5001
		675.0	01/30/85	548.0(9)	127.0	5050
26S/27E-07P01 M			10/01/84	NM-7		5001
		700.0	01/30/85	562.0(9)	138.0	5050
26S/27E-08P01 M			10/01/84	NM-7		5001
		750.0	01/30/85	685.0(9)	65.0	5050
26S/27E-16L01 M			10/01/84	NM-7		5001
			01/30/85	NM-1		5050
26S/27E-17E01 M			10/01/84	NM-7		5001
		700.0	01/30/85	547.0(9)	153.0	5050
26S/27E-22F01 M			10/01/84	NM-7		5001
		879.0	01/30/85	625.0(9)	254.0	5050
26S/27E-27N01 M			10/01/84	NM-7		5001
		900.0	01/30/85	673.0(9)	227.0	5050
26S/27E-28G01 M			10/01/84	NM-7		5001
		880.0	11/27/84	644.7	235.3	7123
			01/30/85	620.0(9)	260.0	5050
			03/05/85	625.3	254.7	7123
26S/27E-32N01 M			10/01/84	NM-7		5001
		850.0	01/30/85	670.0(9)	180.0	5050
26S/27E-32P01 M			10/01/84	NM-7		5001
			01/30/85	NM-7		5050
27S/26E-13J01 M			10/04/84	NM-7		5001
		650.0	01/30/85	531.0(9)	119.0	5050
27S/27E-04C01 M			10/04/84	NM-7		5001
		870.0	01/30/85	638.0(9)	232.0	5050
27S/27E-05G01 M			10/04/84	NM-7		5001
			11/08/84	NM-0		
		800.0	01/30/85	615.0(9)	185.0	5050
			03/05/85	NM-0		7123
27S/27E-05J01 M			10/04/84	NM-7		5001
		820.0	01/30/85	642.0(9)	178.0	5050
27S/27E-05K01 M			10/04/84	NM-7		5001
			01/30/85	NM-1		5050
27S/27E-08L02 M			10/04/84	NM-7		5001
		750.0	01/30/85	531.0(9)	219.0	5050

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C TULARE LAKE HB						
C-01 SOUTH VALLEY FLOOR HU						
C-01.U KERN UPLANDS HA						
27S/27E-09H01	M		10/04/84	NM-7		5001
			01/30/85	NM-5		5050
27S/27E-30H01	M	523.0	11/08/84	441.5	81.5	5001
			03/05/85	425.2	97.8	
C-01.V KERN DELTA HA						
28S/24E-13H04	M	318.0	10/02/84	238.5	79.5	5001
			01/29/85	232.5	85.5	
28S/24E-23D01	M		10/05/84	NM-3		5001
			01/28/85	NM-3		
28S/24E-25P01	M		10/05/84	NM-1		5001
			01/28/85	NM-1		
28S/24E-36E01	M	315.0	10/10/84	242.0(9)	73.0	5001
			02/14/85	235.0(9)	80.0	
29S/24E-01C01	M		10/30/84	NM-4		5001
			01/25/85	NM-4		
29S/24E-01H01	M	307.0	11/01/84	232.0	75.0	5001
			01/25/85	233.0	74.0	
29S/24E-02A01	M	295.0	10/03/84	225.0(9)	70.0	5050
			10/05/84	225.0(9)	70.0	5001
			01/29/85	210.0(9)	85.0	5050
29S/24E-02B01	M	290.0	10/03/84	213.0(9)	77.0	5050
			10/05/84	213.0(9)	77.0	5001
			01/29/85	211.0(9)	79.0	5050
29S/24E-02J01	M		10/03/84	NM-1		5001
		293.0	01/29/85	203.0(9)	90.0	5050
29S/24E-11R01	M	295.0	10/03/84	198.0(9)	97.0	5050
			01/29/85	197.0(9)	98.0	
29S/24E-12P01	M	297.0	10/03/84	198.0(9)	99.0	5050
			01/29/85	190.0(9)	107.0	
29S/24E-13A01	M	299.0	10/03/84	199.0(9)	100.0	5050
			01/29/85	185.0(9)	114.0	
29S/24E-13F01	M	295.0	10/03/84	195.0(9)	100.0	5050
			01/29/85	185.0(9)	110.0	
29S/24E-20A01	M	294.0	10/12/84	196.5	97.5	5001
			02/01/85	NM-1		
29S/24E-24F01	M	292.0	10/03/84	174.0(9)	118.0	5050
			01/29/85	169.1(9)	122.9	
29S/24E-24P01	M	294.0	10/03/84	167.0(9)	127.0	5050
			01/29/85	161.0(9)	133.0	
29S/24E-24R01	M		10/03/84	NM-1		5001
			01/29/85	NM-1		5050
29S/24E-25H01	M	297.0	10/03/84	158.0(9)	139.0	5050
			01/29/85	NM-7		
29S/25E-01A01	M	329.0	10/03/84	167.5(9)	161.5	5050
			01/29/85	164.5	164.5	
29S/25E-02Q01	M	324.0	10/25/84	196.0	128.0	5001
			01/29/85	201.0	123.0	
29S/25E-03N01	M	324.0	10/25/84	212.0	112.0	5001
			01/25/85	215.0(4)	109.0	
29S/25E-05A02	M	321.0	11/01/84	231.0	90.0	5001
			01/25/85	230.0	91.0	
29S/25E-06B01	M	313.0	10/11/84	228.0(9)	85.0	5001
			02/14/85	224.0(9)	89.0	
29S/25E-06Q01	M	310.0	10/11/84	216.0(9)	94.0	5001
			02/14/85	209.0(9)	101.0	
29S/25E-07A01	M	307.0	11/01/84	223.0	84.0	5001
			01/25/85	227.0	80.0	
29S/25E-08E01	M	309.0	10/11/84	205.0(9)	104.0	5001
			02/14/85	201.0(9)	108.0	
29S/25E-08H01	M		10/11/84	NM-7		5001
		312.0	02/14/85	205.0(9)	107.0	
29S/25E-09G01	M	315.0	10/25/84	199.0	116.0	5001
			01/25/85	194.0	121.0	
29S/25E-09J02	M		10/25/84	NM-3		5001
			01/25/85	NM-4		
29S/25E-12M03	M	330.0	10/25/84	183.5	146.5	5001
			01/25/85	185.5	144.5	
29S/25E-12M04	M	330.0	10/25/84	171.5	158.5	5001
			01/25/85	NM-1		
29S/25E-13F01	M	330.0	10/03/84	174.8(9)	155.2	5050
			01/29/85	165.8(9)	164.2	
29S/25E-13P01	M	329.8	10/03/84	195.0(9)	134.8	5050
			01/29/85	190.0(9)	139.8	

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C TULARE LAKE HB						
C-01 SOUTH VALLEY FLOOR HU						
C-01.V KERN DELTA HA						
29S/25E-15N01	M	317.0	10/25/84	176.5	140.5	5001
			01/25/85	174.5	142.5	
29S/25E-18B01	M	299.0	10/11/84	194.0(9)	105.0	5001
			02/14/85	189.0(9)	110.0	
29S/25E-18Q01	M	297.0	10/11/84	185.0(9)	112.0	5001
			02/14/85	185.0(9)	112.0	
29S/25E-22L01	M		10/25/84	NM-9		5001
			01/25/85	NM-4		
29S/25E-24B01	M	330.5	10/03/84	159.5(9)	171.0	5050
			01/29/85	149.5(9)	181.0	
29S/25E-24K01	M	330.0	10/03/84	151.0(9)	179.0	5050
			01/29/85	152.0(9)	178.0	
29S/25E-26K01	M	324.0	10/25/84	128.0	196.0	5001
			01/25/85	123.0	201.0	
29S/25E-28A01	M	311.4	10/03/84	137.5(9)	173.9	5050
			01/29/85	135.5(9)	175.9	
29S/25E-28G01	M	310.0	10/03/84	136.0(9)	174.0	5050
			01/29/85	135.0(9)	175.0	
29S/25E-30H01	M	301.0	10/03/84	169.0(9)	132.0	5050
			01/29/85	NM-1		
29S/25E-30P01	M	299.5	10/03/84	167.2(9)	132.3	5050
			01/29/85	158.2(9)	141.3	
29S/25E-31H01	M		10/03/84	NM-7		5001
			01/29/85	NM-1		
29S/25E-32F01	M	305.0	10/03/84	143.0(9)	162.0	5050
			01/29/85	138.0(9)	167.0	
29S/25E-32H02	M	307.5	10/03/84	141.7(9)	165.8	5050
			01/29/85	136.7(9)	170.8	
29S/26E-19C01	M	330.0	10/11/84	155.0(9)	175.0	5001
			02/14/85	152.0(9)	178.0	
29S/26E-20G01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/26E-22J01	M	355.2	10/03/84	139.9(9)	216.3	5050
			01/29/85	113.9(9)	242.3	
29S/26E-22L01	M		10/03/84	NM-2		5001
			01/29/85	NM-2		5050
29S/26E-25D03	M		10/15/84	NM-9		5001
			01/24/85	NM-9		
29S/26E-25Q01	M	368.1	10/11/84	145.4(9)	222.7	5001
			02/14/85	NM-7		
29S/26E-26K01	M	365.0	10/15/84	83.0	282.0	5001
			01/24/85	99.0	266.0	
29S/26E-28B02	M	348.0	10/03/84	123.0(9)	225.0	5050
			01/29/85	114.0(9)	234.0	
29S/26E-28N02	M	346.0	10/03/84	102.0	244.0	5050
			01/29/85	97.0	249.0	
29S/26E-30A01	M	337.6	10/03/84	135.8(9)	201.8	5050
			01/29/85	NM-1		
29S/26E-30F01	M	334.2	10/03/84	133.9(9)	200.3	5050
			01/29/85	132.9(9)	201.3	
29S/26E-34Q01	M	355.0	10/15/84	92.0	263.0	5001
			01/24/85	95.0	260.0	
29S/26E-35K01	M		10/15/84	NM-9		5001
		356.0	01/24/85	69.0	287.0	
29S/26E-36G01	M	364.0	10/11/84	177.0(9)	187.0	5001
			02/14/85	NM-7		
29S/26E-36Q01	M		10/11/84	NM-7		5001
		365.0	02/14/85	160.0(9)	205.0	
29S/27E-04H03	M	450.5	11/01/84	288.5	162.0	5001
			03/07/85	280.5	170.0	
29S/27E-07J02	M	390.0	11/09/84	145.0	245.0	5001
			03/07/85	NM-1		
29S/27E-08D01	M		10/15/84	NM-3		5001
			01/24/85	NM-3		
29S/27E-08J01	M	403.8	10/02/84	161.9(9)	241.9	5050
			01/29/85	141.9(9)	261.9	
29S/27E-09D01	M		10/15/84	NM-8		5001
		412.5	01/24/85	122.5	290.0	
29S/27E-15A04	M	428.0	10/15/84	160.5	267.5	5001
			01/24/85	156.5	271.5	
29S/27E-15N01	M	405.0	10/15/84	51.5	353.5	5001
			01/24/85	53.5	351.5	
29S/27E-16J01	M	418.3	10/02/84	156.5(9)	261.8	5050

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER		GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.V		KERN DELTA HA				
29S/27E-16J01	M	418.3	01/29/85	142.5(9)	275.8	5050
29S/27E-16M01	M	406.0	10/02/84	138.9(9)	267.1	5050
			01/29/85	135.9(9)	270.1	
29S/27E-17A01	M	403.4	10/02/84	144.5(9)	258.9	5050
			01/29/85	129.5(9)	273.9	
29S/27E-17H01	M	396.9	10/02/84	129.0(9)	267.9	5050
			01/29/85	118.0(9)	278.9	
29S/27E-17M01	M	389.0	10/02/84	115.0(9)	274.0	5050
			01/29/85	109.0(9)	280.0	
29S/27E-18A01	M	390.8	10/02/84	126.6(9)	264.2	5050
			01/29/85	134.6(9)	256.2	
29S/27E-19K02	M		10/15/84	NM-6		5001
			01/24/85	NM-6		5133
29S/27E-21J07	M		10/15/84	NM-9		5001
		398.0	01/24/85	50.5	347.5	
29S/27E-22E04	M		10/15/84	NM-9		5001
		402.0	01/24/85	49.0	353.0	
29S/27E-26D02	M	398.0	10/15/84	44.5	353.5	5001
			01/24/85	46.5	351.5	
29S/27E-27A02	M	399.0	10/15/84	39.0	360.0	5133
29S/27E-28G02	M	390.0	10/15/84	43.5	346.5	5001
			01/24/85	48.5	341.5	
29S/27E-29D01	M	376.0	10/15/84	76.5	299.5	5001
			01/24/85	75.5	300.5	
29S/27E-29R01	M	384.2	10/02/84	88.5(9)	295.7	5050
			01/29/85	86.5(9)	297.7	
29S/27E-31A02	M	375.0	10/15/84	70.0	305.0	5001
			01/24/85	69.0	306.0	
29S/27E-31K01	M		10/11/84	NM-7		5001
			02/14/85	NM-7		
29S/27E-33D01	M	380.0	10/15/84	54.0	326.0	5001
			01/24/85	58.0	322.0	
29S/27E-33R03	M		10/15/84	NM-7		5001
			01/24/85	NM-9		
29S/27E-35A02	M	394.0	02/01/85	145.0	249.0	5001
			09/01/85	188.0	206.0	
29S/27E-36Q01	M	392.1	10/01/84	152.0	240.1	5001
			02/01/85	148.0	244.1	
			09/01/85	155.0	237.1	
29S/28E-17G01	M	585.3	10/01/84	271.0	314.3	5001
			02/01/85	262.0	323.3	
			09/01/85	271.0	314.3	
29S/28E-17R01	M	535.0	10/01/84	286.0	249.0	5001
			02/01/85	288.0	247.0	
			09/01/85	287.0	248.0	
29S/28E-19J02	M	410.2	10/01/84	178.0	232.2	5001
			02/01/85	176.0	234.2	
			09/01/85	179.0	231.2	
29S/28E-19N02	M	404.0	02/01/85	124.0	280.0	5001
			09/01/85	143.0	261.0	
29S/28E-20G01	M	480.0	10/01/84	246.0	234.0	5001
			02/01/85	223.0	257.0	
			09/01/85	247.0	233.0	
29S/28E-30K02	M	404.0	02/01/85	160.0	244.0	5001
			09/01/85	185.0	219.0	
29S/28E-30R01	M	401.7	02/01/85	168.0	233.7	5001
			09/01/85	193.0	208.7	
29S/28E-31D01	M	400.0	02/01/85	152.0	248.0	5001
			09/01/85	160.0	240.0	
29S/28E-31J02	M	397.0	02/01/85	208.0	189.0	5001
			09/01/85	224.0	173.0	
29S/28E-31K02	M	395.0	02/01/85	181.1	213.9	5001
			09/01/85	194.0	201.0	
29S/28E-32L01	M	399.0	10/01/84	200.0	199.0	5001
			02/01/85	177.0	222.0	
			09/01/85	200.0	199.0	
29S/28E-32R02	M	390.0	02/01/85	177.0	213.0	5001
			09/01/85	185.0	205.0	
30S/24E-02C01	M	290.0	01/15/85	111.5	178.5	5001
			09/12/85	122.5	167.5	
30S/24E-12R01	M	294.6	10/11/84	127.7(9)	166.9	5001
			02/14/85	NM-1		
30S/24E-13R01	M		10/11/84	NM-7		5001
			02/14/85	NM-1		

STATE WELL NUMBER		CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C			TULARE LAKE HR				
C-01			SOUTH VALLEY FLOOR HU				
C-01.V			KERN DELTA HA				
30S/24E-13H01	M			10/11/84	NM-7		5001
				02/14/85	NM-1		
30S/24E-14H01	M		291.2	01/15/85	94.3	196.9	5001
				09/12/85	102.4	188.8	
30S/24E-24A01	M			10/11/84	NM-7		5001
				02/14/85	NM-1		
30S/25E-01F01	M			10/11/54	NM-7		5001
				02/14/85	NM-1		
30S/25E-01H01	M		331.6	10/11/84	102.0(9)	229.6	5001
				02/14/85	96.0	235.6	
30S/25E-02H01	M		332.7	10/01/84	146.0	186.7	5001
				01/28/85	121.0	211.7	
30S/25E-03H01	M			10/11/84	NM-7		5001
				02/14/85	NM-7		
30S/25E-03L01	M			10/11/84	NM-7		5001
			315.0	02/14/85	118.5(9)	196.5	
30S/25E-03Q01	M		320.0	10/11/54	120.0(9)	200.0	5001
				02/14/85	NM-7		
30S/25E-04L01	M			10/11/84	NM-7		5001
			308.0	02/14/85	133.0(9)	175.0	
30S/25E-04R01	M		313.4	10/01/84	146.3	167.1	5001
				01/25/85	131.3	182.1	
30S/25E-05K01	M			10/11/84	NM-7		5001
			305.0	02/14/85	131.0(9)	174.0	
30S/25E-06R01	M			10/11/84	NM-7		5001
				02/14/85	NM-1		
30S/25E-07G01	M			10/11/84	NM-7		5001
			295.0	02/14/85	149.0	146.0	
30S/25E-07P01	M			10/11/84	NM-7		5001
				02/14/85	NM-4		
30S/25E-07R01	M		298.0	10/11/84	136.1(9)	161.9	5001
				02/14/85	NM-7		
30S/25E-08F01	M			10/11/84	NM-7		5001
				02/14/85	NM-7		
30S/25E-08J01	M		304.0	10/11/84	135.0(9)	169.0	5001
				02/14/85	NM-7		
30S/25E-08P01	M			10/11/84	NM-7		5001
			301.0	02/14/85	133.5(9)	167.5	
30S/25E-09A01	M		312.0	10/11/84	128.0(9)	184.0	5001
				02/14/85	121.0	191.0	
30S/25E-09J01	M			10/11/84	NM-7		5001
				02/14/85	NM-4		
30S/25E-09L01	M			10/11/84	NM-7		5001
				02/14/85	NM-4		
30S/25E-10A01	M			10/11/84	NM-7		5001
				02/14/85	NM-7		
30S/25E-10C01	M		316.1	10/11/84	119.0(9)	197.1	5001
				02/14/85	115.0(9)	201.1	
30S/25E-11A01	M		322.0	10/11/84	102.0(9)	220.0	5001
				02/14/85	NM-7		
30S/25E-11C01	M			10/11/84	NM-7		5001
			320.0	02/14/85	109.0(9)	211.0	
30S/25E-11L01	M			10/11/84	NM-7		5001
				02/14/85	NM-7		
30S/25E-12A01	M		328.0	10/01/84	111.0	217.0	5001
				01/28/85	83.0	245.0	
30S/25E-12C01	M		330.0	10/11/84	104.0(9)	226.0	5001
				02/14/85	102.0(9)	228.0	
30S/25E-13L01	M			10/11/84	NM-7		5001
			323.0	02/14/85	75.0(9)	248.0	
30S/25E-14C02	M		318.0	10/01/84	121.0	197.0	5001
				01/28/85	109.0	209.0	
30S/25E-14K01	M		318.0	10/11/84	126.0(9)	192.0	5001
				02/14/85	109.0(9)	209.0	
30S/25E-15R01	M			10/11/84	NM-7		5001
				02/14/85	NM-7		
30S/25E-15C01	M			10/11/84	NM-7		5001
				02/14/85	NM-7		
30S/25E-15Q01	M			10/11/84	NM-7		5001
				02/14/85	NM-1		
30S/25E-15P01	M		313.0	10/11/84	122.0(9)	191.0	5001
				02/14/85	116.0(9)	197.0	
30S/25E-16F01	M			10/11/54	NM-7		5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C TULARE LAKE HB					
C-01 SOUTH VALLEY FLOOR HU					
C-01.V KERN DELTA HA					
30S/25E-16F01 M		02/14/85	NM-7		5001
30S/25E-16P01 M	310.0	10/11/84	138.0(9)	172.0	5001
		02/14/85	129.0(9)	181.0	
30S/25E-17E01 M		10/11/84	NM-7		5001
		02/14/85	NM-1		
30S/25E-18A01 M		10/11/84	NM-7		5001
	298.6	02/14/85	124.1(9)	174.5	
30S/25E-18C01 M		10/11/84	NM-7		5001
		02/14/85	NM-7		
30S/25E-18P01 M	297.0	10/11/84	138.0(9)	159.0	5001
		02/14/85	NM-1		
30S/25E-18R01 M		10/11/84	NM-7		5001
		02/14/85	NM-1		
30S/25E-19G01 M	297.0	10/11/84	137.0(9)	160.0	5001
		02/14/85	135.0	162.0	
30S/25E-19P01 M		10/11/84	NM-7		5001
		02/14/85	NM-7		
30S/25E-20A01 M	307.0	10/11/84	131.0(9)	176.0	5001
		02/14/85	128.0	179.0	
30S/25E-20C01 M		10/11/84	NM-7		5001
		02/14/85	NM-7		
30S/25E-21P02 M		10/11/84	NM-7		5001
	305.8	02/14/85	139.4(9)	166.4	
30S/25E-23B01 M	319.0	10/10/84	144.0(9)	175.0	5001
		02/14/85	119.0(9)	200.0	
30S/25E-24J01 M	325.0	10/10/84	108.0(9)	217.0	5001
		02/14/85	NM-4		
30S/25E-25G01 M	315.0	10/10/84	136.0(9)	179.0	5001
		02/14/85	100.0(9)	215.0	
30S/25E-26A01 M	315.0	10/01/84	86.0	229.0	5001
		01/28/85	50.0	265.0	
30S/25E-27A01 M	310.0	10/10/84	138.0(9)	172.0	5001
		02/14/85	88.0(9)	222.0	
30S/25E-34E01 M		10/10/84	NM-7		5001
	302.0	02/14/85	101.0(9)	201.0	
30S/25E-35B01 M	310.0	10/01/84	109.0	201.0	5001
		10/10/84	144.0(2)	166.0	
		01/28/85	84.0	226.0	
		02/14/85	NM-4		
30S/25E-35J01 M		10/10/84	NM-7		5001
	306.0	02/14/85	74.0(9)	232.0	
30S/25E-36F01 M		10/10/84	NM-7		5001
	310.0	02/14/85	82.0(9)	228.0	
30S/26E-01H01 M	365.0	10/10/84	89.0	276.0	5001
		02/14/85	91.0	274.0	
30S/26E-01R01 M		10/10/84	NM-7		5001
		02/14/85	NM-7		
30S/26E-02A01 M	362.0	10/01/84	63.0	299.0	5001
		01/28/85	39.0	323.0	
30S/26E-03B01 M		10/10/84	NM-5		5001
	350.0	02/14/85	69.0(9)	281.0	
30S/26E-04B01 M	347.0	10/11/84	99.0(9)	248.0	5001
		02/14/85	91.0	256.0	
30S/26E-04L01 M		10/11/84	NM-7		5001
		02/14/85	NM-7		
30S/26E-05B01 M	340.0	10/11/84	98.0(9)	242.0	5001
		02/14/85	NM-7		
30S/26E-05H01 M		10/11/84	NM-7		5001
	345.0	02/14/85	93.0(9)	252.0	
30S/26E-06B01 M	340.0	10/11/84	91.0(9)	249.0	5001
		02/14/85	95.0(9)	245.0	
30S/26E-06N01 M		10/11/84	NM-7		5001
		02/14/85	NM-7		
30S/26E-07J01 M		10/11/84	NM-7		5001
		02/14/85	NM-7		
30S/26E-07L02 M	322.0	10/01/84	87.0	235.0	5001
		01/28/85	64.0	258.0	
30S/26E-07N01 M		10/11/84	NM-7		5001
	324.0	02/14/85	83.0(9)	241.0	
30S/26E-08B01 M		10/11/84	NM-7		5001
	340.0	02/14/85	70.5(9)	269.5	
30S/26E-10J01 M		10/10/84	NM-7		5001
	350.0	02/14/85	89.0(9)	261.0	

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C TULARE LAKE HB						
C-01 SOUTH VALLEY FLOOR HU						
C-01.V KERN DELTA HA						
30S/26E-11D01 M			10/10/84	NM-7		5001
		354.0	02/14/85	95.0	259.0	
30S/26E-11L01 M			10/10/84	NM-7		5001
			02/14/85	NM-7		
30S/26E-12D01 M			10/10/84	NM-7		5001
			02/14/85	NM-7		
30S/26E-12H01 M		362.0	10/10/84	93.0	269.0	5001
			02/14/85	NM-7		
30S/26E-12N01 M			10/10/84	NM-7		5001
		355.0	02/14/85	91.0(9)	264.0	
30S/26E-13B01 M			10/10/84	NM-7		5001
		355.0	02/14/85	95.0(9)	260.0	
30S/26E-13K01 M		354.0	10/10/84	104.0(9)	250.0	5001
			02/14/85	NM-7		
30S/26E-14E01 M			10/10/84	NM-7		5001
			02/14/85	NM-7		
30S/26E-14J01 M			10/10/84	NM-7		5001
			02/14/85	NM-7		
30S/26E-15B01 M			10/10/84	NM-7		5001
		345.0	02/15/85	74.0(9)	271.0	
30S/26E-15K01 M		345.0	10/10/84	84.0(9)	261.0	5001
			02/15/85	NM-7		
30S/26E-16J01 M		339.1	10/10/84	81.0(9)	258.1	5001
			02/15/85	NM-7		
30S/26E-16M01 M			10/10/84	NM-7		5001
		335.0	02/15/85	73.0(9)	262.0	
30S/26E-18A01 M			10/10/84	NM-7		5001
			02/15/85	NM-7		
30S/26E-19G01 M			10/10/84	NM-7		5001
			02/15/85	NM-9		
30S/26E-20L01 M			10/10/84	NM-7		5001
		330.0	02/15/85	73.0(9)	257.0	
30S/26E-20N02 M		325.0	10/10/84	74.0(9)	251.0	5001
			02/15/85	NM-7		
30S/26E-21D01 M			10/10/84	NM-7		5001
			02/15/85	NM-7		
30S/26E-21H01 M		333.0	10/10/84	91.0(9)	242.0	5001
			02/15/85	81.0(9)	252.0	
30S/26E-22A01 M		345.0	10/10/84	99.0(9)	246.0	5001
			02/15/85	89.0(9)	256.0	
30S/26E-22H01 M			10/10/84	NM-7		5001
			02/15/85	NM-7		
30S/26E-22P01 M		338.0	10/01/84	122.5	215.5	5001
			01/28/85	94.0	244.0	
30S/26E-22P02 M		338.0	10/01/84	119.5	218.5	5001
			01/28/85	80.0	258.0	
30S/26E-22P03 M		338.0	10/01/84	108.5	229.5	5001
			01/28/85	79.0	259.0	
30S/26E-23F01 M		345.0	10/10/84	116.0(9)	229.0	5001
			02/15/85	108.0(9)	237.0	
30S/26E-23R01 M			10/10/84	NM-7		5001
			02/15/85	NM-7		
30S/26E-25G01 M		346.5	10/01/84	134.0	212.5	5001
			01/28/85	99.5	247.0	
30S/26E-26A01 M		342.4	10/02/84	116.2(9)	226.2	5050
			01/30/85	101.2(9)	241.2	
30S/26E-26C01 M			10/02/84	NM-1		5001
		340.6	01/30/85	96.0(9)	244.6	5050
30S/26E-26J01 M		341.9	10/02/84	117.0(9)	224.9	5050
			01/30/85	104.0(9)	237.9	
30S/26E-26K01 M		334.3	10/02/84	104.5(9)	229.8	5050
			01/30/85	91.5(9)	242.8	
30S/26E-27J01 M		339.8	10/02/84	102.0(9)	233.8	5050
			01/30/85	92.0(9)	243.8	
30S/26E-28G01 M			10/10/84	NM-1		5001
			02/15/85	NM-9		
30S/26E-31N01 M		308.0	10/01/84	99.0	209.0	5001
			01/28/85	86.0	222.0	
30S/26E-34A01 M		332.9	10/02/84	106.2(9)	226.7	5050
			01/30/85	95.2(9)	237.7	
30S/26E-34J01 M		329.8	10/02/84	108.7(9)	221.1	5050
			01/30/85	96.7(9)	233.1	
30S/26E-34L01 M		327.0	10/02/84	111.0(9)	216.0	5050

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HR				
C-01		SOUTH VALLEY FLOOR HU				
C-01.V		KERN DELTA HA				
30S/26E-34L01	M	327.0	01/30/85	97.0(9)	230.0	5050
30S/26E-35B01	M	336.0	10/02/84	126.7(9)	209.3	5050
			01/30/85	114.7(9)	221.3	
30S/26E-35K01	M	334.0	10/02/84	130.7(9)	203.3	5050
			01/30/85	116.7(9)	217.3	
30S/26E-36A01	M	340.5	10/02/84	119.9	220.6	5050
			01/30/85	112.9(9)	227.6	
30S/26E-36C01	M	339.4	10/02/84	119.9(9)	219.5	5050
			01/30/85	106.9(9)	232.5	
30S/27E-01M01	M	385.0	10/01/84	166.0	219.0	5001
			02/01/85	164.0	221.0	
			09/01/85	173.0	212.0	
30S/27E-02A01	M	388.2	10/01/84	143.0	245.2	5001
			02/01/85	140.0	248.2	
			09/01/85	150.0	238.2	
30S/27E-05D01	M	374.7	10/10/84	103.0(9)	271.7	5001
			02/15/85	NM-7		
			09/30/85	109.0(9)	265.7	
30S/27E-05K01	M		10/02/84	NM-9		5001
		374.7	01/30/85	102.6(9)	272.1	5050
			09/30/85	NM-5		5001
30S/27E-06J01	M	372.2	10/10/84	89.0(9)	283.2	5001
			02/15/85	NM-7		
			09/30/85	102.0(9)	270.2	
30S/27E-06K02	M		10/10/84	NM-7		5001
			02/15/85	NM-7		
			09/30/85	NM-7		
30S/27E-19A01	M	357.6	10/10/84	121.1(9)	236.5	5001
			02/15/85	NM-7		
			09/30/85	124.1(9)	233.5	
30S/27E-19J01	M		10/10/84	NM-7		5001
		354.0	02/15/85	116.5(9)	237.5	
			09/30/85	NM-7		
30S/27E-19L01	M		10/10/84	NM-7		5001
			02/15/85	NM-7		
			09/30/85	NM-7		
30S/27E-20B01	M		10/10/84	NM-7		5001
			02/15/85	NM-2		
			09/30/85	NM-7		
30S/27E-20G01	M		10/10/84	NM-7		5001
		360.0	02/15/85	107.0(9)	253.0	
			09/30/85	NM-7		
30S/27E-21D01	M	365.0	10/02/84	135.3	229.7	5050
			01/30/85	128.3	236.7	
30S/27E-27J01	M	355.0	10/01/84	150.6	204.4	5001
			01/29/85	129.6	225.4	
30S/27E-30J01	M	348.0	10/01/84	137.0	211.0	5001
			01/29/85	120.0(4)	228.0	
30S/27E-31A01	M	345.0	10/01/84	132.0	213.0	5001
			01/29/85	120.0	225.0	
30S/27E-32B01	M	348.0	10/01/84	139.0	209.0	5001
			01/29/85	128.0	220.0	
30S/27E-34E01	M	350.0	10/01/84	148.5	201.5	5001
			01/29/85	134.0	216.0	
30S/27E-35K01	M	351.0	10/01/84	161.0	190.0	5001
			01/29/85	135.0	216.0	
30S/27E-36M01	M	349.0	10/01/84	140.0	209.0	5001
			01/29/85	136.0	213.0	
30S/28E-02R01	M	410.0	10/04/84	169.0(9)	241.0	5001
			01/29/85	166.0(9)	244.0	
30S/28E-03Q01	M	375.0	10/04/84	185.0(9)	190.0	5001
			01/29/85	NM-9		
30S/28E-07B01	M	384.0	10/01/84	179.0	205.0	5001
			02/01/85	168.0	216.0	
			09/01/85	177.0	207.0	
30S/28E-09B01	M	382.0	10/04/84	191.0(9)	191.0	5001
			01/29/85	178.0(9)	204.0	
30S/28E-11F01	M	387.0	10/04/84	210.0(9)	177.0	5001
			01/29/85	NM-9		
30S/28E-16B01	M	374.0	10/04/84	183.0(9)	191.0	5001
			01/29/85	172.0(9)	202.0	
30S/28E-23J01	M		10/04/84	NM-1		5001
		385.0	01/29/85	224.0(9)	161.0	
30S/28E-24L01	M		10/04/84	NM-1		5001
		399.0	01/29/85	248.0(9)	151.0	
30S/28E-26A01	M		10/04/84	NM-3		5001
			01/29/85	NM-3		
C		TULARE LAKE HR				
C-01		SOUTH VALLEY FLOOR HU				
C-01.V		KERN DELTA HA				
30S/28E-35L01	M		10/04/84	NM-1		5001
		367.0	01/29/85	219.0(9)	148.0	
31S/25E-11G01	M	297.0	10/01/84	60.0	237.0	5001
			01/25/85	46.0	251.0	
31S/25E-13B01	M		10/10/84	NM-7		5001
		295.3	02/15/85	82.4(9)	212.9	
			09/30/85	81.4(9)	213.9	
31S/25E-13E01	M	293.7	10/02/84	89.7(9)	204.0	5050
			01/30/85	74.7(9)	219.0	
			09/30/85	NM-7		5001
31S/25E-15R01	M	290.0	10/01/84	72.0	218.0	5001
			01/25/85	58.0	232.0	
31S/25E-16J01	M	297.0	10/01/84	75.0	222.0	5001
			01/25/85	49.0	248.0	
31S/25E-26A01	M	289.0	10/01/84	81.0	208.0	5001
			01/25/85	57.0	232.0	
31S/25E-36A01	M	289.0	10/01/84	86.0	203.0	5001
			01/25/85	66.0	223.0	
31S/25E-36J01	M	286.0	10/01/84	77.0	209.0	5001
			01/25/85	53.0	233.0	
31S/25E-36R01	M	286.0	10/10/84	77.0	209.0	5001
			01/24/85	53.0	233.0	
31S/26E-01C02	M	331.0	10/02/84	86.1(9)	244.9	5050
			01/30/85	85.1(9)	245.9	
			09/30/85	NM-7		5001
31S/26E-02A01	M		10/10/84	NM-7		5001
			02/15/85	NM-4		
			09/30/85	NM-1		
31S/26E-02J01	M		10/10/84	NM-7		5001
			02/15/85	NM-4		
		327.0	09/30/85	37.0(9)	290.0	
31S/26E-03J01	M		10/10/84	NM-7		5001
		325.0	02/15/85	93.0(9)	232.0	
			09/30/85	112.5(9)	212.5	
31S/26E-08G01	M		10/10/84	NM-7		5001
			02/15/85	NM-9		
			09/30/85	NM-7		
31S/26E-08P01	M		10/10/84	NM-7		5001
		305.0	02/15/85	NM-9		
			09/30/85	95.0(9)	210.0	
31S/26E-10J01	M		10/10/84	NM-7		5001
		319.0	02/15/85	103.0(9)	216.0	
			09/30/85	113.0(9)	206.0	
31S/26E-10L01	M		10/10/84	NM-7		5001
			02/15/85	NM-7		
			09/30/85	NM-7		
31S/26E-11B01	M		10/10/84	NM-7		5001
			02/15/85	NM-7		
		320.0	09/30/85	116.0(9)	204.0	
31S/26E-11D01	M		10/10/84	NM-7		5001
		316.0	02/15/85	108.0(9)	208.0	
			09/30/85	NM-7		
31S/26E-13B01	M		10/10/84	NM-7		5001
		320.8	02/15/85	105.5(9)	215.3	
			09/30/85	NM-4		
31S/26E-13M01	M		10/10/84	NM-7		5001
			02/15/85	NM-7		
			09/30/85	NM-5		
31S/26E-14B01	M		10/10/84	NM-7		5001
		315.0	02/15/85	102.0(9)	213.0	
			09/30/85	118.0(9)	197.0	
31S/26E-14K01	M		10/10/84	NM-7		5001
			02/15/85	NM-7		
			09/30/85	NM-7		
31S/26E-15D01	M		10/10/84	NM-7		5001
			02/15/85	NM-9		
			09/30/85	NM-5		
31S/26E-16D01	M		10/10/84	NM-7		5001
		310.0	02/15/85	91.0	219.0	
			09/30/85	NM-7		
31S/26E-16P01	M		10/10/84	NM-7		5001
			02/15/85	NM-9		
			09/30/85	NM-7		
31S/26E-17D01	M		10/10/84	NM-7		5001
		302.0	02/15/85	83.0	219.0	
			09/30/85	NM-7		
31S/26E-20A01	M		10/10/84	NM-7		5001
			02/15/85	NM-7		
		298.0	09/30/85	107.0(9)	191.0	
31S/26E-20C01	M		10/10/84	NM-7		5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C	TULARE LAKE HB				
C-01	SOUTH VALLEY FLOOR HU				
C-01.V	KERN DELTA HA				
31S/26E-20C01 M	300.0	02/15/85	89.0	211.0	5001
		09/30/85	NM-7		
31S/26E-20N01 M		10/10/84	NM-7		5001
		02/15/85	NM-7		
		09/30/85	NM-7		
31S/26E-21A01 M		10/10/84	NM-7		5001
		02/15/85	NM-7		
		09/30/85	NM-7		
31S/26E-21J01 M		10/10/84	NM-7		5001
	300.0	02/15/85	110.0(9)	190.0	
		09/30/85	NM-7		
31S/26E-21N01 M		10/10/84	NM-7		5001
		02/15/85	NM-9		
	295.0	09/30/85	119.0(9)	176.0	
31S/26E-23L01 M		10/10/84	NM-7		5001
	305.0	02/15/85	111.0(9)	194.0	
		09/30/85	105.0(9)	200.0	
31S/26E-24R01 M	309.0	10/10/84	92.5	216.5	5001
		01/24/85	78.0	231.0	
31S/26E-26M01 M	298.0	10/02/84	82.0(9)	216.0	5050
		01/30/85	NM-1		
		09/30/85	NM-7		5001
31S/26E-27D01 M		10/10/84	NM-7		5001
	298.0	02/15/85	102.0(9)	196.0	
		09/30/85	101.0(9)	197.0	
31S/26E-27G01 M		10/10/84	NM-7		5001
		02/15/85	NM-7		
		09/30/85	NM-7		
31S/26E-27M02 M	295.0	10/10/84	97.5	197.5	5001
		01/24/85	NM-1		
31S/26E-28D01 M		10/10/84	NM-7		5001
	295.0	02/15/85	135.0(9)	160.0	
		09/30/85	NM-1		
31S/26E-30G01 M	292.0	10/10/84	34.0	258.0	5001
		01/24/85	14.0	278.0	
31S/26E-30G03 M		10/10/84	NM-7		5001
		02/15/85	NM-4		
		09/30/85	127.0(9)	165.0	
31S/26E-30P01 M	290.0	01/24/85	27.0	263.0	5133
31S/26E-36A01 M		10/10/84	NM-7		5001
	296.0	02/15/85	70.5(9)	225.5	
		09/30/85	77.5(9)	218.5	
31S/26E-36E01 M	292.0	10/10/84	55.0	237.0	5001
		01/24/85	42.0	250.0	
31S/27E-01E01 M	349.0	10/10/84	111.0	234.0	5001
		01/24/85	96.0	249.0	
31S/27E-02G01 M	344.0	10/10/84	143.5	200.5	5001
		01/24/85	101.0	243.0	
31S/27E-04D01 M	340.0	10/10/84	148.0	192.0	5001
		01/24/85	103.0	237.0	
31S/27E-04J02 M	342.0	10/10/84	151.0	191.0	5001
		01/23/85	100.0	242.0	
31S/27E-04L01 M		10/10/84	NM-7		5001
		02/15/85	NM-4		
31S/27E-05A01 M	344.0	10/10/84	152.5	191.5	5001
		01/23/85	NM-1		
31S/27E-05C01 M	342.0	10/10/84	152.0	190.0	5001
		01/23/85	105.0	237.0	
31S/27E-05P01 M	337.0	10/02/84	131.0(9)	206.0	5050
		01/30/85	136.0(9)	201.0	
31S/27E-06B02 M	339.0	10/10/84	128.0	211.0	5001
		01/23/85	101.0	238.0	
31S/27E-07C01 M		10/10/84	NM-7		5001
	332.6	02/15/85	121.0(9)	211.6	
31S/27E-07F01 M		10/10/84	NM-7		5001
		02/15/85	NM-7		
31S/27E-09L01 M	332.0	10/10/84	165.0	167.0	5001
		01/23/85	NM-1		
31S/27E-12J01 M	333.0	10/10/84	98.0	235.0	5001
		01/23/85	NM-1		
31S/27E-13C01 M		10/10/84	NM-7		5001
		02/15/85	NM-4		
31S/27E-16R01 M	323.0	10/10/84	133.5	189.5	5001
		01/23/85	106.0	217.0	
31S/27E-17J01 M	325.0	10/10/84	139.0	186.0	5001
		01/23/85	107.0	218.0	
C	TULARE LAKE HB				
C-01	SOUTH VALLEY FLOOR HU				
C-01.V	KERN DELTA HA				
31S/27E-19D01 M		10/10/84	NM-7		5001
		02/15/85	NM-7		
31S/27E-19G01 M		10/10/84	NM-7		5001
	309.0	02/15/85	93.0(9)	216.0	
31S/27E-19H01 M		10/10/84	NM-7		5001
		02/15/85	NM-7		
31S/27E-24C01 M	323.0	10/02/84	99.5(9)	223.5	5050
		01/30/85	90.5(9)	232.5	
31S/27E-25D01 M	314.0	10/10/84	99.0	215.0	5001
		01/23/85	81.0	233.0	
31S/27E-26B01 M	316.0	10/10/84	82.0	234.0	5001
		01/23/85	77.0	239.0	
31S/27E-26D01 M		10/10/84	NM-7		5001
	315.0	02/15/85	96.0(9)	219.0	
31S/27E-26L01 M		10/10/84	NM-7		5001
		02/15/85	NM-7		
31S/27E-28J01 M	312.1	10/10/84	71.0	241.1	5001
		01/23/85	61.0	251.1	
31S/27E-29D01 M		10/10/84	NM-7		5001
	309.8	02/15/85	94.5(9)	215.3	
31S/27E-29J01 M		10/10/84	NM-7		5001
		02/15/85	NM-7		
31S/27E-29L02 M		10/10/84	NM-7		5001
		02/15/85	NM-7		
31S/27E-30A01 M	310.0	10/10/84	92.0	218.0	5001
		01/23/85	64.0	246.0	
31S/27E-30C01 M		10/10/84	NM-7		5001
		02/15/85	NM-4		
31S/27E-31C01 M		10/10/84	NM-7		5001
		02/15/85	NM-7		
31S/27E-31J01 M		10/10/84	NM-7		5001
		01/23/85	NM-4		
31S/27E-31J02 M		10/10/84	NM-7		5001
	295.0	02/15/85	90.0(9)	205.0	
31S/27E-31M01 M		10/10/84	NM-7		5001
		02/15/85	NM-7		
31S/27E-32A01 M		10/10/84	NM-7		5001
		02/15/85	NM-7		
31S/27E-32C01 M		10/10/84	NM-7		5001
		02/15/85	NM-7		
31S/27E-32J01 M		10/10/84	NM-7		5001
	297.0	02/15/85	88.5(9)	208.5	
31S/27E-33K01 M		10/10/84	NM-7		5001
		02/15/85	NM-1		
31S/27E-35C01 M		10/10/84	NM-7		5001
	307.0	02/15/85	77.0(9)	230.0	
31S/27E-35K01 M		10/10/84	NM-7		5001
		02/15/85	NM-7		
31S/28E-05C01 M	344.0	10/03/84	60.5	285.5	5001
		01/28/85	60.0(9)	286.0	
31S/28E-06J01 M	339.6	10/03/84	92.0(9)	247.6	5001
		01/28/85	89.0(9)	250.6	
31S/28E-10A01 M	357.0	10/03/84	231.0(9)	126.0	5001
		01/29/85	225.0(9)	132.0	
31S/28E-12D02 M	380.0	10/04/84	218.0(9)	162.0	5001
		01/29/85	212.0(9)	168.0	
31S/28E-14C01 M	360.0	10/04/84	58.5(9)	301.5	5001
		01/29/85	60.5(9)	299.5	
31S/28E-14D01 M	360.0	10/04/84	66.0(9)	294.0	5001
		01/29/85	54.0(9)	306.0	
31S/28E-22C01 M	330.0	10/04/84	26.5(9)	303.5	5001
		01/29/85	21.0(9)	309.0	
31S/28E-22C02 M	332.0	10/04/84	31.0(9)	301.0	5001
		01/29/85	28.0(9)	304.0	
31S/28E-23J01 M		10/03/84	NM-5		5001
	357.0	01/29/85	82.5(9)	274.5	
31S/28E-24L01 M	362.0	10/03/84	87.0(9)	275.0	5001
		01/29/85	NM-9		
31S/28E-27A02 M	329.8	10/03/84	34.5(9)	295.3	5001
		01/29/85	35.0	294.8	
31S/28E-27J01 M	324.0	10/03/84	37.0	287.0	5001
		01/29/85	NM-9		
31S/28E-28A01 M	315.0	10/03/84	83.5	231.5	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.V		KERN DELTA HA				
31S/28E-28A01	M	315.0	01/29/85	66.0(9)	249.0	5001
31S/28E-28D01	M	312.0	10/03/84	28.5	283.5	5001
			01/29/85	17.5(9)	294.5	
31S/28E-29L01	M		10/03/84	NM-4		5001
		307.0	01/29/85	27.0	280.0	
31S/28E-30M01	M	314.7	10/02/84	111.0(9)	203.7	5050
			01/30/85	99.0(9)	215.7	
31S/28E-31D01	M	307.0	10/02/84	194.0(9)	113.0	5050
			01/30/85	74.0(9)	233.0	
31S/28E-31E01	M	303.0	10/02/84	93.0	210.0	5050
			01/30/85	74.0(9)	229.0	
31S/28E-31M01	M	301.0	10/02/84	77.0(9)	224.0	5050
			01/30/85	64.0	237.0	
31S/28E-36A01	M	352.0	10/03/84	222.5(9)	129.5	5001
			01/29/85	193.5(9)	158.5	
31S/29E-07C01	M		10/03/84	NM-2		5001
		405.0	01/29/85	248.0(9)	157.0	
31S/29E-18K01	M		10/03/84	NM-7		5001
		395.0	01/29/85	217.0(9)	178.0	
31S/29E-19R01	M	385.0	10/03/84	111.0(9)	274.0	5001
			01/29/85	111.0(9)	274.0	
31S/29E-30J01	M	376.0	10/03/84	236.0(9)	140.0	5001
			01/29/85	217.0(9)	159.0	
31S/29E-32A01	M	383.0	10/03/84	113.5	269.5	5001
			01/29/85	119.5(9)	263.5	
32S/25E-01H01	M	286.0	10/10/84	101.0	185.0	5001
			01/23/85	79.0	207.0	
32S/25E-12R01	M	294.0	10/10/84	17.0	277.0	5001
			01/23/85	16.0	278.0	
32S/26E-01C03	M	290.0	10/10/84	67.0	223.0	5001
			01/22/85	61.0	229.0	
32S/26E-02F01	M	289.0	10/02/84	119.0	170.0	5050
			01/30/85	95.0(9)	194.0	
32S/26E-11R02	M	295.0	01/00/85	111.0	184.0	5649
32S/26E-13R01	M	303.0	01/00/85	136.0	167.0	5649
32S/26E-28R01	M	382.0	01/00/85	123.0	259.0	5649
32S/26E-33R01	M	430.0	01/00/85	174.0	256.0	5649
32S/26E-35N01	M	419.0	01/00/85	199.0	220.0	5649
32S/27E-01Q01	M	295.0	10/10/84	58.0	237.0	5001
			01/22/85	30.0	265.0	
32S/27E-02B01	M		10/02/84	NM-4		5001
			01/30/85	NM-0		5050
32S/27E-02P01	M	291.6	10/02/84	92.5(9)	199.1	5050
			01/30/85	56.5(9)	235.1	
32S/27E-03P01	M		10/02/84	NM-9		5001
		290.6	01/30/85	71.5(9)	219.1	5050
32S/27E-04F01	M	293.0	10/02/84	84.0	209.0	5050
			01/30/85	55.0(9)	238.0	
32S/27E-04H01	M	294.0	10/02/84	102.5(9)	191.5	5050
			01/30/85	72.5(9)	221.5	
32S/27E-07L01	M	294.0	10/10/84	30.0	264.0	5001
			01/22/85	25.0	269.0	
32S/27E-08R01	M	285.0	10/02/84	163.8(9)	121.2	5050
			01/30/85	119.8(9)	165.2	
32S/27E-15A01	M	280.2	10/02/84	64.0(9)	216.2	5050
			01/30/85	38.0	242.2	
32S/27E-16R02	M		10/02/84	NM-1		5001
		281.0	01/30/85	43.0(9)	238.0	5050
32S/27E-17N01	M	291.6	10/02/84	53.1(9)	238.5	5050
			10/03/84	42.1	249.5	
			01/30/85	41.1(9)	250.5	
32S/27E-23N01	M		10/02/84	NM-1		5001
			01/30/85	NM-1		5050
32S/27E-23P01	M		10/02/84	NM-1		5001
			01/30/85	NM-1		5050
32S/28E-01P01	M	342.0	10/03/84	229.0(9)	113.0	5001
			01/29/85	NM-9		
32S/28E-12H03	M	362.0	10/03/84	241.0(9)	121.0	5001
			01/29/85	196.0(9)	166.0	
32S/28E-14H01	M	357.0	10/25/84	135.0(9)	222.0	5001
			02/21/85	NM-7		

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-03.W		TAFT HA				
31S/24E-22L01	M	379.0	10/01/84	103.0	276.0	5001
			01/25/85	79.0	300.0	
C-01.X		ARVIN-WHEELER RIDGE HA				
29S/28E-34A01	M		10/03/84	NM-3		5001
			02/11/85	NM-3		
			09/27/85	NM-3		
29S/28E-35F01	M	415.0	02/01/85	288.0	127.0	5001
			09/01/85	308.0	107.0	
29S/28E-36B01	M	480.0	10/03/84	326.0(9)	154.0	5001
			02/11/85	323.0(9)	157.0	
			09/27/85	325.0(9)	155.0	
29S/28E-36G01	M		10/03/84	NM-3		5001
			02/11/85	NM-3		
			09/27/85	NM-3		
29S/28E-36J03	M	452.0	10/03/84	279.0(9)	173.0	5001
			02/11/85	277.0(9)	175.0	
			09/27/85	274.0(9)	178.0	
29S/29E-31Q02	M		10/03/84	NM-4		5001
			02/11/85	NM-7		
			09/27/85	NM-7		
29S/29E-32A02	M	595.0	10/03/84	397.0(9)	198.0	5001
			02/11/85	393.0(9)	202.0	
			09/27/85	389.0(9)	206.0	
29S/29E-33F02	M		10/03/84	DRY		5001
			02/11/85	DRY		
		635.0	09/27/85	347.0(9)	288.0	
29S/29E-33N01	M	578.0	10/03/84	329.0(9)	249.0	5001
			02/11/85	327.0(9)	251.0	
			09/27/85	325.0(9)	253.0	
30S/28E-12J02	M		10/03/84	NM-3		5001
			02/11/85	NM-3		
			09/27/85	NM-3		
30S/29E-02K01	M		10/04/84	DRY		5001
			02/11/85	NM-7		
			09/27/85	NM-7		
30S/29E-03B01	M	680.0	10/04/84	370.5(9)	309.5	5001
			02/11/85	411.5(9)	268.5	
			09/27/85	393.5(9)	286.5	
30S/29E-03K01	M		10/04/84	NM-3		5001
			02/11/85	NM-3		
			09/27/85	NM-3		
30S/29E-05F01	M		10/04/84	NM-3		5001
			02/11/85	NM-3		
			09/27/85	NM-3		
30S/29E-05H01	M	550.0	10/04/84	352.0(9)	198.0	5001
			02/11/85	344.0(9)	206.0	
30S/29E-06A01	M		10/04/84	NM-6		5001
			02/11/85	NM-7		
30S/29E-08K01	M		10/04/84	NM-3		5001
		502.0	02/12/85	337.0(9)	165.0	
30S/29E-08M01	M		10/04/84	NM-3		5001
		477.0	02/12/85	314.0(9)	163.0	
30S/29E-09J01	M		10/04/84	NM-3		5001
			02/12/85	NM-3		
30S/29E-11C02	M		10/04/84	NM-5		5001
			02/12/85	NM-5		
30S/29E-11N01	M		10/04/84	NM-3		5001
			02/12/85	NM-3		
30S/29E-16J01	M		10/04/84	NM-3		5001
			02/12/85	NM-3		
30S/29E-16J02	M	535.0	10/04/84	373.0(9)	162.0	5001
			02/12/85	369.0(9)	166.0	
30S/29E-16L01	M	512.3	10/04/84	347.5(9)	164.8	5001
			02/14/85	340.5(9)	171.8	
30S/29E-17A01	M		10/05/84	NM-3		5001
			02/14/85	NM-3		
30S/29E-20L01	M	448.0	10/08/84	304.0(9)	144.0	5001
			02/15/85	299.0(9)	149.0	
30S/29E-21G01	M	512.2	10/08/84	353.3(9)	158.9	5001
			02/15/85	349.3(9)	162.9	
30S/29E-21J01	M		10/08/84	NM-1		5001
		510.0	02/15/85	363.0(9)	147.0	
30S/29E-22C03	M		10/08/84	NM-3		5001
			02/15/85	NM-3		
30S/29E-23B01	M		10/08/84	NM-3		5001
			02/15/85	NM-3		
30S/29E-26J02	M	609.0	10/08/84	438.5(9)	169.5	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.X		ARVIN-WHEELER RIDGE HA				
30S/29E-26J02	M	608.0	02/15/85	433.5(9)	174.5	5001
30S/29E-26R01	M		10/08/84	NM-3		5001
			02/15/85	NM-3		
30S/29E-27A01	M		10/08/84	NM-3		5001
			02/15/85	NM-3		
30S/29E-27M01	M	511.6	10/08/84	357.4(9)	154.2	5001
			02/15/85	354.4(9)	157.2	
30S/29E-29A01	M	450.0	10/08/84	303.5(9)	146.5	5001
			02/15/85	296.5(9)	153.5	
30S/29E-30A02	M	435.0	10/08/84	285.0(9)	150.0	5001
			02/15/85	378.0(9)	57.0	
30S/29E-31A02	M		10/12/84	NM-2		5001
			02/15/85	NM-2		
30S/29E-34A01	M	511.1	10/12/84	357.1(9)	154.0	5001
			02/15/85	350.1(9)	161.0	
30S/29E-34P02	M		10/12/84	NM-1		5001
		492.0	02/15/85	336.0(9)	156.0	
30S/29E-36K01	M	582.0	10/12/84	407.5(9)	174.5	5001
			02/15/85	396.5(9)	185.5	
30S/29E-36L01	M		10/12/84	NM-3		5001
			02/15/85	NM-3		
30S/30E-09E01	M		10/12/84	DRY		5001
		935.0	02/15/85	230.0(9)	705.0	
30S/30E-09Q01	M		10/12/84	NM-3		5001
			02/15/85	NM-3		
30S/30E-18B02	M	842.0	10/12/84	192.5(9)	649.5	5001
			02/15/85	194.5(9)	647.5	
30S/30E-19E01	M	758.0	10/12/84	167.0(9)	591.0	5001
			02/19/85	166.0(9)	592.0	
30S/30E-20E01	M	727.0	10/15/84	102.5(9)	624.5	5001
			02/19/85	105.5(9)	621.5	
30S/30E-31H01	M	590.0	10/15/84	422.0(9)	168.0	5001
			02/19/85	419.0(9)	171.0	
31S/29E-01D01	M	549.0	10/17/84	399.0(9)	150.0	5001
			02/19/85	377.0(9)	172.0	
31S/29E-02D01	M	509.5	10/17/84	355.7(9)	153.8	5001
			02/19/85	348.7(9)	160.8	
31S/29E-02M01	M	505.0	10/17/84	366.0(9)	139.0	5001
			02/19/85	383.0(9)	122.0	
31S/29E-03A02	M	509.0	10/17/84	365.0(9)	144.0	5001
			02/20/85	355.0(9)	154.0	
31S/29E-03C01	M	492.5	10/17/84	346.0(9)	146.5	5001
			02/20/85	334.0(9)	158.5	
31S/29E-04P01	M		10/17/84	NM-3		5001
			02/20/85	NM-8		
31S/29E-05E01	M	429.0	10/17/84	326.5(9)	102.5	5001
			02/20/85	311.5(9)	117.5	
31S/29E-07A01	M		10/17/84	NM-8		5001
			02/20/85	NM-8		
31S/29E-09C01	M		10/19/84	NM-8		5001
			02/20/85	NM-8		
31S/29E-10K01	M		10/19/84	NM-1		5001
			02/20/85	NM-1		
31S/29E-11B01	M	513.0	10/19/84	350.0(9)	163.0	5001
			02/20/85	NM-3		
31S/29E-11D01	M		10/19/84	NM-1		5001
		502.0	02/20/85	356.0(9)	146.0	
31S/29E-12M01	M	513.0	10/19/84	348.0(9)	165.0	5001
			02/20/85	343.0(9)	170.0	
31S/29E-14L01	M		10/19/84	NM-3		5001
			02/20/85	NM-3		
31S/29E-17H02	M	425.0	10/19/84	288.0(9)	137.0	5001
			02/20/85	NM-1		
31S/29E-25C01	M	447.0	10/22/84	188.0(9)	259.0	5001
			02/20/85	185.0(9)	262.0	
31S/29E-26Q01	M	418.0	10/22/84	302.5(9)	115.5	5001
			02/21/85	280.5(9)	137.5	
31S/29E-27C01	M		10/22/84	NM-9		5001
			02/21/85	NM-7		
31S/29E-28B01	M		10/22/84	NM-2		5001
			02/21/85	NM-2		
31S/29E-34A01	M		10/22/84	NM-2		5001
		413.0	02/21/85	253.5(9)	159.5	
31S/29E-34C01	M		10/22/84	NM-8		5001
			02/21/85	NM-8		
31S/29E-35Q01	M		10/22/84	NM-3		5001
			02/21/85	NM-3		
31S/29E-35K01	M		10/22/84	NM-9		5001
			02/21/85	NM-7		
31S/29E-36G01	M	411.0	10/22/84	237.5(9)	173.5	5001
			02/21/85	234.5(9)	176.5	
31S/30E-06E01	M	564.0	10/22/84	391.0(9)	173.0	5001
			02/21/85	NM-1		
31S/30E-06L01	M	565.0	10/22/84	394.0(9)	171.0	5001
			02/21/85	388.0(9)	177.0	
31S/30E-07D01	M		10/22/84	NM-3		5001
			02/21/85	NM-3		
31S/30E-16G01	M	560.0	10/22/84	379.0(9)	181.0	5001
			02/21/85	379.0(9)	181.0	
31S/30E-16N01	M	502.0	10/22/84	324.0(9)	178.0	5001
			02/21/85	319.0(9)	183.0	
31S/30E-17E01	M		10/22/84	NM-1		5001
		497.0	02/21/85	331.0(9)	166.0	
31S/30E-17K01	M	497.0	10/22/84	321.0(9)	176.0	5001
			02/21/85	341.0(9)	156.0	
31S/30E-18H01	M		10/22/84	NM-3		5001
			02/21/85	NM-3		
31S/30E-18H02	M	497.5	10/16/84	313.0(9)	184.5	5001
			02/21/85	324.0(9)	173.5	
31S/30E-18L01	M		10/24/84	NM-3		5001
			02/21/85	NM-3		
31S/30E-21G01	M	536.0	10/24/84	279.0(9)	257.0	5001
			02/21/85	282.0(9)	254.0	
31S/30E-21P01	M		10/24/84	NM-4		5001
			02/21/85	NM-4		
31S/30E-29N01	M	482.0	10/24/84	301.5(9)	180.5	5001
			02/21/85	NM-1		
31S/30E-30C01	M		10/24/84	NM-3		5001
			02/21/85	NM-3		
31S/30E-30D01	M		10/24/84	NM-3		5001
			02/21/85	NM-3		
31S/30E-31N02	M	455.0	10/24/84	275.0(9)	180.0	5001
			02/21/85	280.0(9)	175.0	
31S/30E-32C01	M		10/24/84	NM-3		5001
			02/21/85	NM-3		
32S/25E-24R01	M	343.0	10/03/84	148.0	195.0	5050
			01/00/85	139.0	204.0	5649
32S/25E-29Q01	M	420.0	10/10/84	168.0	252.0	5001
			01/23/85	168.0	252.0	
32S/26E-14J01	M	304.0	01/00/85	127.0	177.0	5649
32S/26E-15E01	M	309.0	10/03/84	157.0	152.0	5050
32S/26E-15H01	M	307.0	10/03/84	160.0	147.0	5050
32S/26E-16R01	M	320.0	01/00/85	144.0	176.0	5649
32S/26E-17B01	M	301.0	01/00/85	223.0	78.0	5649
32S/26E-17E01	M	308.0	01/00/85	128.0	180.0	5649
32S/26E-18A01	M	299.0	10/03/84	151.0	148.0	5050
32S/26E-19B01	M	326.0	10/03/84	181.0	145.0	5050
			01/00/85	146.0	180.0	5649
32S/26E-20F01	M	333.0	01/00/85	151.0	182.0	5649
32S/26E-21F01	M	335.0	10/03/84	185.0	150.0	5050
			01/00/85	174.0	161.0	5649
32S/26E-21N01	M	348.0	10/03/84	208.0	140.0	5050
			01/00/85	175.0	173.0	5649
32S/26E-23H01	M	321.0	10/03/84	175.0	146.0	5050
			01/00/85	123.0	198.0	5649
32S/26E-25G01	M	342.0	10/03/84	165.0	177.0	5050
			01/00/85	161.0	181.0	5649
32S/26E-26D01	M	340.0	10/03/84	205.0	135.0	5050
32S/26E-28H02	M	362.0	01/00/85	192.0	170.0	5649
32S/26E-34G01	M	402.0	10/10/84	229.0	173.0	5001
			01/22/85	208.0	194.0	
32S/27E-24P01	M		10/02/84	NM-1		5001
			01/30/85	NM-1		5050

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.X		ARVIN-WHEELER RIDGE HA				
32S/27E-24R01	M		10/02/84	NM-1		5001
			01/30/85	NM-1		5050
32S/27E-28H01	M	305.0	10/03/84	193.0	112.0	5050
32S/27E-30B01	M	315.0	01/00/85	125.0	190.0	5649
32S/27E-30N01	M	350.0	01/00/85	206.0	144.0	5649
32S/27E-34F01	M	303.0	10/10/84	5.0	298.0	5001
			01/22/85	NM-9		
32S/27E-35R01	M	344.0	10/10/84	157.0	187.0	5001
			01/22/85	155.0(8)	189.0	
32S/27E-36J01	M		10/10/84	NM-7		5001
			02/15/85	NM-1		
32S/27E-36R01	M		10/10/84	NM-7		5001
			02/15/85	NM-1		
32S/28E-13F01	M		10/24/84	NM-5		5001
			02/21/85	NM-5		
32S/28E-16C01	M	300.0	10/03/84	191.0	109.0	5050
32S/28E-17K01	M	310.0	10/03/84	204.0	106.0	5050
32S/28E-21R01	M		10/25/84	NM-3		5001
			02/21/85	NM-3		
32S/28E-22P02	M		10/10/84	NM-7		5001
			02/15/85	NM-1		
32S/28E-22R03	M		10/10/84	NM-7		5001
			02/15/85	NM-1		
32S/28E-23H01	M		10/25/84	NM-4		5001
			02/21/85	NM-7		
32S/28E-23R01	M		10/25/84	NM-5		5001
			02/21/85	NM-5		
32S/28E-25B01	M		10/25/84	NM-3		5001
			02/21/85	NM-7		
32S/28E-25B02	M	401.0	10/25/84	275.0(9)	126.0	5001
			02/21/85	259.0(9)	142.0	
32S/28E-25P03	M	421.0	10/25/84	204.0(9)	217.0	5001
			02/21/85	381.0(9)	40.0	
32S/28E-26E01	M		10/10/84	NM-7		5001
			02/15/85	NM-7		
32S/28E-27A01	M		10/10/84	NM-7		5001
		369.0	02/15/85	219.0(9)	150.0	
32S/28E-28H01	M	378.0	10/25/84	259.0(9)	119.0	5001
			02/22/85	242.0(9)	136.0	
32S/28E-31R01	M		10/25/84	NM-9		5001
			02/22/85	NM-7		
32S/28E-34F01	M		10/10/84	NM-7		5001
		410.0	02/15/85	302.5	107.5	
32S/28E-34L01	M		10/10/84	NM-7		5001
			02/15/85	NM-7		
32S/28E-34R01	M	447.0	10/25/84	329.0(9)	118.0	5001
			02/22/85	314.0(9)	133.0	
32S/28E-36H02	M	438.0	10/25/84	285.0(9)	153.0	5001
			02/22/85	271.0(9)	167.0	
32S/29E-02B01	M		10/25/84	NM-4		5001
			02/22/85	NM-4		
32S/29E-02N01	M	408.0	10/25/84	261.4(9)	146.6	5001
			02/22/85	243.4(9)	164.6	
32S/29E-03Q01	M		10/25/84	NM-1		5001
		408.0	03/11/85	253.0(9)	155.0	
32S/29E-04P01	M	398.0	10/25/84	127.0(9)	271.0	5001
			02/22/85	127.0(9)	271.0	
32S/29E-05R01	M		10/25/84	NM-3		5001
			02/22/85	NM-3		
32S/29E-07H02	M	381.0	10/26/84	245.5(9)	135.5	5001
			02/22/85	214.5(9)	166.5	
32S/29E-08F02	M	390.0	10/26/84	241.0(9)	149.0	5001
			02/22/85	208.0(9)	182.0	
32S/29E-09F01	M	407.0	10/26/84	252.0(9)	155.0	5001
			02/22/85	239.0(9)	168.0	
32S/29E-11R03	M	454.0	10/26/84	304.8(9)	149.2	5001
			02/22/85	288.8(9)	165.2	
32S/29E-12P01	M	470.0	10/26/84	274.5(9)	195.5	5001
			02/22/85	248.5(9)	221.5	
32S/29E-15H01	M		10/26/84	NM-5		5001
		470.0	02/22/85	288.0(9)	182.0	
32S/29E-15L01	M		10/26/84	NM-3		5001
			02/22/85	NM-3		
32S/29E-16J02	M	450.5	10/26/84	310.5(9)	140.0	5001
			02/22/85	283.5(9)	167.0	
32S/29E-16L01	M	432.0	10/26/84	172.0(9)	260.0	5001
			02/22/85	NM-8		
32S/29E-16L03	M		10/26/84	NM-1		5001
		433.0	02/22/85	257.0(9)	176.0	
32S/29E-16R02	M		10/26/84	NM-7		5001
			02/22/85	NM-7		
32S/29E-17G02	M	413.0	10/26/84	263.5(9)	149.5	5001
			02/26/85	248.5(9)	164.5	
32S/29E-18H01	M		10/26/84	NM-3		5001
		398.0	02/26/85	139.5(9)	258.5	
32S/29E-19P02	M	420.0	10/26/84	195.0(9)	225.0	5001
			02/26/85	190.0(9)	230.0	
32S/29E-20H01	M	436.0	10/26/84	284.5(9)	151.5	5001
			02/26/85	257.5(9)	178.5	
32S/29E-27M01	M	509.5	10/26/84	340.5(9)	169.0	5001
			02/26/85	337.5(9)	172.0	
32S/29E-29F01	M		10/26/84	NM-3		5001
			02/26/85	NM-5		
32S/29E-30R01	M	457.0	10/29/84	323.5(9)	133.5	5001
			02/26/85	303.5(9)	153.5	
32S/29E-31F01	M		10/29/84	NM-8		5001
			02/26/85	NM-8		
32S/29E-31N01	M		10/29/84	NM-3		5001
			02/26/85	NM-3		
32S/29E-32R02	M		10/29/84	NM-3		5001
			02/26/85	NM-3		
32S/29E-33G01	M		10/29/84	NM-3		5001
		512.0	02/26/85	337.5(9)	174.5	
32S/30E-06C01	M		10/29/84	NM-2		5001
			02/20/85	NM-2		
32S/30E-06L01	M	445.0	10/29/84	254.0(9)	191.0	5001
			02/22/85	250.0(9)	195.0	
11N/18W-18D01	S	697.0	01/00/85	523.0	174.0	5649
11N/18W-18N01	S	708.0	01/00/85	529.0	179.0	5649
11N/18W-19D01	S	714.0	01/00/85	542.0	172.0	5649
11N/19W-02M01	S	604.0	01/30/85	538.5	65.5	5649
11N/19W-04H01	S	576.0	01/00/85	530.8	45.2	5649
11N/19W-05R01	S		10/29/84	NM-9		5001
		612.0	01/30/85	460.5	151.5	5649
			02/28/85	454.5(9)	157.5	5001
11N/19W-07P01	S	657.0	10/02/84	572.0	85.0	5050
			10/30/84	563.0(9)	94.0	5001
			01/00/85	569.0	88.0	5649
			03/06/85	553.0(9)	104.0	5001
11N/19W-07R03	S		10/30/84	NM-3		5001
			03/06/85	NM-3		
11N/19W-08R01	S	683.0	01/00/85	533.0	150.0	5649
11N/19W-09F01	S		10/30/84	NM-9		5001
			03/06/85	NM-3		
11N/19W-10A01	S		10/30/84	NM-7		5001
			03/06/85	NM-7		
11N/19W-10E01	S	647.0	01/00/85	506.0	141.0	5649
11N/19W-10G01	S	644.0	10/30/84	486.0(9)	158.0	5001
			01/00/85	493.0	151.0	5649
			03/08/85	483.0(9)	161.0	5001
11N/19W-10N01	S	683.0	10/30/84	522.0(9)	161.0	5001
			01/00/85	522.6	160.4	5649
			03/06/85	519.0(9)	164.0	5001
11N/19W-13J01	S		10/30/84	NM-1		5001
			03/06/85	NM-3		
11N/19W-14H01	S	700.0	01/30/85	539.5	160.5	5649
11N/19W-14N01	S	750.0	01/30/85	581.0	169.0	5649
11N/19W-14Q01	S	736.0	10/30/84	562.0(9)	174.0	5001
			03/06/85	559.0(9)	177.0	
11N/19W-15G01	S	698.0	11/02/84	539.0(9)	159.0	5001
			03/06/85	533.0(9)	165.0	
11N/19W-17F02	S		10/30/84	NM-3		5001
			03/06/85	NM-3		

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.X		ARVIN-WHEELER RIDGE HA				
11N/19W-18R01	S		11/02/84	NM-3		5001
			03/06/85	NM-3		
11N/19W-19G01	S	775.0	01/00/85	630.0	145.0	5649
11N/19W-19M01	S	795.0	11/02/84	619.0(9)	176.0	5001
			01/00/85	638.0	157.0	5649
			03/06/85	613.0(9)	182.0	5001
11N/19W-19P01	S	813.0	01/00/85	668.0	145.0	5649
11N/19W-19R02	S	825.0	11/02/84	640.0(9)	185.0	5001
			03/06/85	640.0(9)	185.0	
11N/19W-20P01	S	845.0	01/00/85	683.0	162.0	5649
11N/19W-21Q01	S	847.0	11/02/84	671.0(9)	176.0	5001
			03/06/85	NM-3		
11N/19W-22E01	S	801.0	11/02/84	651.0(9)	150.0	5001
			01/00/85	684.0	117.0	5649
			03/06/85	651.0(9)	150.0	5001
11N/19W-24H01	S	737.0	11/02/84	552.0(9)	185.0	5001
			01/00/85	560.0	177.0	5649
			03/06/85	NM-3		5001
11N/19W-25F01	S		11/02/84	NM-9		5001
			03/06/85	NM-3		
11N/19W-29G01	S		11/02/84	NM-9		5001
		892.0	01/00/85	728.5	163.5	5649
			03/06/85	NM-3		5001
11N/20W-02L01	S	503.0	10/02/84	435.5(4)	67.5	5050
11N/20W-03J01	S	480.0	10/02/84	386.0	94.0	5050
			01/00/85	380.0	100.0	5649
11N/20W-04G01	S	420.0	10/02/84	293.0	127.0	5050
			11/05/84	292.0(9)	128.0	5001
			03/06/85	288.0(9)	132.0	
11N/20W-04H01	S	434.0	11/05/84	149.0(9)	285.0	5001
			03/06/85	147.0(9)	287.0	
11N/20W-04H02	S	434.0	10/02/84	343.0	91.0	5050
11N/20W-05J02	S	398.0	11/05/84	288.0(9)	110.0	5001
			03/06/85	282.0(9)	116.0	
11N/20W-05L01	S	388.0	10/02/84	267.9	120.1	5050
			11/05/84	258.0(9)	130.0	5001
			01/00/85	254.9	133.1	5649
			03/06/85	259.0(9)	129.0	5001
11N/20W-06P01	S	405.0	10/02/84	310.0	95.0	5050
			01/00/85	345.0	60.0	5649
11N/20W-08R01	S	440.0	01/00/85	307.0	133.0	5649
11N/20W-09C01	S	440.0	11/05/84	308.0(9)	132.0	5001
			01/00/85	313.0	127.0	5649
			03/06/85	306.0(9)	134.0	5001
11N/20W-09P01	S	460.3	11/05/84	336.0(9)	124.3	5001
			01/00/85	337.3	123.0	5649
			03/06/85	333.0(9)	127.3	5001
11N/20W-10C02	S	485.0	10/02/84	401.0	84.0	5050
11N/20W-11C01	S	525.0	10/02/84	431.0	94.0	5050
			01/00/85	429.0	96.0	5649
11N/20W-13G01	S	862.7	01/00/85	514.8	147.9	5649
11N/20W-13R01	S	709.0	01/00/85	553.0	156.0	5649
11N/20W-14B01	S	812.0	10/02/84	522.0	90.0	5050
			01/00/85	524.0	88.0	5649
11N/20W-16H02	S	510.0	10/02/84	420.0	90.0	5050
11N/20W-17H01	S	456.0	10/02/84	349.0	107.0	5050
11N/20W-24A01	S	730.2	01/00/85	575.6	154.6	5649
11N/21W-02G01	S	444.0	01/00/85	241.0	203.0	5649
11N/21W-03B01	S	435.0	01/00/85	328.0	107.0	5649
11N/21W-03N02	S	492.0	10/02/84	377.0	115.0	5050
11N/21W-04F01	S	484.7	01/00/85	339.3	145.4	5649
11N/21W-04H01	S	482.0	01/00/85	323.3	158.7	5649
11N/21W-07D01	S	590.0	10/02/84	461.0	129.0	5050
11N/21W-08C01	S	554.0	10/02/84	422.4	131.6	5050
11N/21W-08E01	S	564.0	10/02/84	433.0	131.0	5050
			01/00/85	435.0	129.0	5649
11N/21W-09H01	S	554.0	10/02/84	444.0	110.0	5050
11N/21W-10G01	S	545.0	10/02/84	439.0	106.0	5050
11N/21W-11N01	S	572.8	10/02/84	479.4	93.4	5050
11N/21W-11Q01	S	556.8	10/02/84	452.9	103.9	5050
11N/21W-12N02	S	528.0	10/02/84	425.0	103.0	5050
			01/00/85	424.0	104.0	5649
11N/22W-01B02	S	498.0	01/00/85	351.0	147.0	5649
11N/22W-01D01	S	572.0	10/03/84	442.0	130.0	5050
11N/22W-04F02	S	529.0	10/03/84	361.0	168.0	5050
11N/22W-04H01	S	529.0	10/03/84	380.3	148.7	5050
			01/00/85	403.3	125.7	5649
11N/22W-06H01	S	540.0	01/00/85	333.0	207.0	5649
11N/22W-06N01	S	616.0	01/00/85	361.0	255.0	5649
11N/22W-08G02	S	590.0	01/00/85	399.0	191.0	5649
11N/22W-13Q01	S	801.0	01/00/85	424.0	377.0	5649
12N/18W-30N01	S	578.0	11/05/84	385.0(9)	193.0	5001
			01/00/85	394.0	184.0	5649
			03/08/85	382.0(9)	196.0	5001
12N/18W-31D01	S	586.0	01/00/85	408.0	178.0	5649
12N/19W-25Q01	S	550.1	01/00/85	390.0	160.1	5649
12N/19W-33E01	S	505.0	11/05/84	386.0(9)	119.0	5001
			03/08/85	NM-3		
12N/19W-33L01	S	510.0	11/05/84	404.0(9)	106.0	5001
			03/08/85	NM-3		
12N/19W-33R01	S	550.0	01/00/85	432.0	118.0	5649
12N/19W-34H02	S	537.0	01/00/85	368.0	169.0	5649
12N/19W-34P01	S		11/05/84	NM-8		5001
			03/08/85	NM-8		
12N/19W-34R01	S	560.0	11/05/84	392.0(9)	168.0	5001
			03/08/85	391.0(9)	169.0	
12N/19W-36P01	S	595.0	11/05/84	425.0(9)	170.0	5001
			03/11/85	420.0(9)	175.0	
12N/19W-36Q01	S	602.0	11/05/84	429.0(9)	173.0	5001
			01/00/85	434.0	168.0	5649
			03/11/85	423.0(9)	179.0	5001
12N/19W-36R02	S	606.0	11/05/84	434.0(9)	172.0	5001
			03/11/85	428.0(9)	178.0	
12N/20W-33F01	S	377.0	11/05/84	239.0(9)	138.0	5001
			03/11/85	233.0(9)	144.0	
12N/20W-33P01	S	396.0	11/05/84	160.0(9)	236.0	5001
			03/11/85	157.0(9)	239.0	
12N/20W-34B01	S		11/05/84	NM-3		5001
			03/11/85	NM-3		
12N/20W-35P01	S	469.7	11/05/84	335.5(9)	134.2	5001
			03/11/85	329.5(9)	140.2	
12N/20W-36G01	S	478.0	11/05/84	375.0(9)	103.0	5001
			03/11/85	365.0(9)	113.0	
12N/21W-27N02	S	390.0	01/00/85	205.0	185.0	5649
12N/21W-29N01	S	423.3	01/00/85	228.0	195.3	5649
12N/21W-31F01	S	458.0	10/03/84	295.0	163.0	5050
			01/00/85	294.0	164.0	5649
12N/21W-31H01	S	450.0	10/03/84	282.0	168.0	5050
12N/21W-31R01	S	480.0	10/03/84	208.0	272.0	5050
12N/21W-32N01	S	478.0	10/03/84	332.0	146.0	5050
12N/21W-32P01	S	472.0	10/03/84	310.0	162.0	5050
12N/21W-33N01	S	458.0	01/00/85	255.0	203.0	5649
12N/21W-34G03	S	406.0	10/02/84	272.0	134.0	5050
12N/21W-34N01	S	445.0	10/02/84	343.5	101.5	5050
12N/21W-34R02	S	430.0	10/02/84	336.0	94.0	5050
12N/21W-35N02	S	427.0	10/02/84	250.0	177.0	5050
12N/21W-35Q01	S	415.0	10/02/84	272.0	143.0	5050
12N/21W-36N01	S	398.0	10/02/84	217.0	181.0	5050
			01/00/85	214.0	184.0	5649
12N/21W-36Q01	S	386.0	10/02/84	241.0	145.0	5050
12N/22W-30N02	S	467.0	01/00/85	226.0	241.0	5649
12N/22W-31L02	S	482.0	01/00/85	267.0	215.0	5649
12N/22W-34J01	S	485.0	10/03/84	336.0	149.0	5050
			01/00/85	336.0	149.0	5649

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C		TULARE LAKE HB				
C-01		SOUTH VALLEY FLOOR HU				
C-01.X		ARVIN-WHEELER RIDGE HA				
12N/22W-35E01	S	471.0	01/00/85	232.0	239.0	5649
12N/22W-35H01	S	465.0	01/00/85	239.0	226.0	5649
12N/22W-35H02	S	466.0	10/03/84	319.0	147.0	5050
12N/22W-35R01	S	495.0	10/03/84	350.0	145.0	5050
			01/00/85	339.0	156.0	5649
12N/22W-36R02	S	487.0	10/03/84	362.0	125.0	5050
			01/00/85	333.0	154.0	5649
C		TULARE LAKE HB				
C-03		KINGS RIVER HU				
C-03.A		HUMPHREYS STATION HA				
12S/22E-25A01	M	555.0	10/05/84	7.2	547.8	5001
			02/11/85	1.3	553.7	
			09/30/85	2.0	553.0	
13S/23E-09D01	M	548.0	10/06/84	1.6	546.4	5001
			02/11/85	.8	547.2	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	CO	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C	TULARE LAKE HB					
C-04	KAWEAH RIVER HU					
C-04.C	YOKOHL CREEK HA					
18S/27E-27J01	M	515.0	01/18/85	5.0	510.0	5001
			09/24/85	7.0	508.0	
C	TULARE LAKE HB					
C-05	SOUTHERN SIERRA HU					
C-05.A	TULE RIVER HA					
C-05.A1	SPRINGVILLE HSA					
21S/28E-22K01	M	760.0	01/22/85	44.1	715.9	5001
			09/24/85	49.5	710.5	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
C TULARE LAKE HB					
C-07 GRAPEVINE HU					
C-07.C SAN EMIGDIO HA					
09N/19W-31N01 S	4570.0	10/01/84	12.6	4557.4	3908
		11/01/84	11.5	4558.5	
		12/03/84	11.4	4558.6	
		01/02/85	9.6	4560.4	
		02/01/85	9.6	4560.4	
		03/01/85	10.2	4559.8	
		04/01/85	11.6	4558.4	
		05/01/85	14.0	4556.0	
		06/03/85	16.2	4553.8	
		07/01/85	18.1	4551.9	
		08/01/85	19.8	4550.2	
		09/03/85	17.5	4552.5	
09N/20W-36F01 S	4774.0	10/01/84	12.5	4761.5	3908
		11/01/84	19.3	4754.7	
		12/03/84	12.0	4762.0	
		01/02/85	9.7	4764.3	
		02/01/85	10.9	4763.1	
		03/01/85	12.0	4762.0	
		04/01/85	14.1	4759.9	
		05/01/85	17.0	4757.0	
		06/03/85	18.4	4755.6	
		07/01/85	21.0	4753.0	
		08/01/85	21.8	4752.2	
		09/03/85	16.9	4757.1	
09N/20W-36F02 S	4767.0	10/01/84	17.0	4750.0	3908
		11/01/84	14.8	4752.2	
		12/03/84	16.4	4750.6	
		01/02/85	14.2	4752.8	
		02/01/85	14.3	4752.7	
		03/01/85	15.0	4752.0	
		04/01/85	18.4	4748.6	
		05/01/85	19.2	4747.8	
		06/03/85	23.3	4743.7	
		07/01/85	25.6	4741.4	
		08/01/85	25.7	4741.3	
		09/03/85	21.2	4745.8	
09N/20W-36H01 S	4570.0	10/01/84	43.5	4526.5	3908
		11/01/84	42.5	4527.5	
		12/03/84	44.5	4525.5	
		01/02/85	40.2	4529.8	
		02/01/85	39.8	4530.2	
		03/01/85	40.0	4530.0	
		04/01/85	42.3	4527.7	
		05/01/85	46.5	4523.5	
		06/03/85	49.3	4520.7	
		07/01/85	52.1	4517.9	
		08/01/85	52.3	4517.7	
		09/03/85	49.5	4520.5	

APPENDIX E

GROUND WATER QUALITY

APPENDIX E
GROUND WATER QUALITY

Appendix E presents the results of chemical analyses of ground water samples collected in the San Joaquin Valley from October 1, 1984 to September 30, 1985. The data are grouped in two categories:

Table	Title
E-1	Mineral Analyses of Ground Water
E-2	Minor Element Analyses of Ground Water

Ground water quality stations are listed in the tables by ascending areal code. The areal code is explained on page 2. Areal code numbers appear in the tables to the left of the hydrologic area names, and the data listed thereunder are in that hydrologic area. The number of quality stations precludes plotting each individual well on maps in this publication. Instead, Figure 7 shows the location of the San Joaquin Valley ground water basin, in which the water samples were taken.

To facilitate station location, the following page lists the name and areal code number for each hydrologic area (or subarea) in which the measurements were taken. The location and definition of any hydrologic area may be determined by entering Figure 2, page 4, with the corresponding areal code. Also listed are the page numbers on which the analyses may be found. (The number of pages referenced indicates the extent of analyses of each station.)

The location of a well can be approximated by the well number. The numbering system for the wells is described in Appendix D, page 115.

In order to increase the amount of information in the water quality tables, some columns have multiple headings, and data are tabulated respectively. For example, the first column of Table E-1 shows the date of sampling printed above the time of sampling so the data are tabulated in that order. If a part of the values for a multiple heading column are obtained, they will appear in the column with respect to the heading positions. If dashes (or no data) appear in a column, it means no data were obtained.

Abbreviations and codes used in the tables are explained at the beginning of each table.

Areal Codes for Hydrologic Areas and Index to Data—Appendix E

Hydrologic Area*		Areal Code**	Data on page
San Joaquin	HB	B	
Delta-Mendota Canal	HU	B-06	
Patterson	HA	B-06.A	214
Los Banos	HA	B-06.B	214
			217,223
San Joaquin Valley Floor	HU	B-08	
Manteca	HA	B-08.A	214
Valley Home	HA	B-08.B	214
Riverbank	HA	B-08.C	214
Turlock	HA	B-08.E	214
Merced	HA	B-08.H	214
Gravelly Ford	HA	B-08.K	214
Madera	HA	B-08.L	215
Berenda Creek	HA	B-08.M	215

Hydrologic Area*		Areal Code**	Data on page
Tulare Lake	HB	C	
South Valley Floor	HU	C-01	
Consolidated	HA	C-01.G	216,223
Hanford-Lemoore	HA	C-01.J	217
Kaweah Delta	HA	C-01.K	217,223
Tule Delta	HA	C-01.L	217
Kettleman	HA	C-01.P	218,223
Antelope Plain	HA	C-01.Q	218
Semitropic	HA	C-01.R	218
North Kern	HA	C-01.T	218
Kern Delta	HA	C-01.V	218,224
Kings River	HU	C-03	
Upper Kings	HA	C-03.B	
Sycamore Creek	HSA	C03.B1	220

*See page 2.

**See Figure 2.

NOTE: Measurements made in Basin 5-22 only.

Figure 7. LOCATION OF THE SAN JOAQUIN VALLEY GROUND WATER BASIN - QUALITY

TABLE E-I
MINERAL ANALYSES OF GROUND WATER

Lab and Sampler Agency Code

1529 - Selma-Kingsburg-Fowler County Sanitation District
4775 - Shell Oil Company
5050 - California Department of Water Resources
5701 - California Water Service Company
5702 - Individual Owner
5806 - BC Laboratory
5999 - Unknown Agency

Abbreviations and Constituents

TIME - Pacific Standard Time on a 24-hour clock
TEMP - Water temperature at time of sampling in degrees Fahrenheit (F) or Celcius (C)
Field - Determined in the field
Laboratory - Determined in the laboratory
pH - Measure of acidity or alkalinity of water
EC - Electrical conductance in microsiemens at 25°C

Constituents:

B	-	Boron	K	-	Potassium
CA	-	Calcium	MG	-	Magnesium
CACO3	-	Calcium Carbonate	NA	-	Sodium
CL	-	Chloride	NO3	-	Nitrate
F	-	Fluoride	SIO2	-	Silica
			SO4	-	Sulfate

Boron, Fluoride, and Silica are reported in milligrams per liter. The other minerals are reported in each of three units: milligrams per liter, milliequivalents per liter, and percent reactance value; accordingly, each observation can use three lines of tabulation.

MILLIEQUIVALENTS PER LITER is the concentration in Mg/l divided by the equivalent weight of the ion.

PERCENT REACTANCE VALUE is determined by dividing the sum of the cations or anions in milli-equivalents per liter into each constituent in milliequivalents per liter, arriving at a percentage.

TURB - Jackson turbidity units measured with a Hach nephelometer (A); if in the field, (F)
TDS - Gravimetric determination of total dissolved solids at 180°C (value followed by * is a determination at 105°C)
SUM - Total dissolved solids by summation of analyzed constituents minus 40 percent of the carbonate weight
TH - Total hardness
NCH - Noncarbonate hardness - any excess of total hardness over total alkalinity
SAR - Sodium adsorption ratio
ASAR - Adjusted sodium adsorption ratio

(Continued on next page)

EM – Remarks; code letter are:

T – Total dissolved solids and the calculated sum of constituents are not within 20 percent of each other.

S – The anion sum and cation sum for a complete analysis is not within the prescribed tolerance of ± 5 percent.

X – The field EC and the lab EC are not within 20 percent of each other.

C – The electrical conductivity divided by the EC–EPM factor (or, if absent, 100) is not within 20 percent of the average of the cation sum and anion sum for complete analysis.

E – Total dissolved solids (TDS) value is not within the range of 0.35 to 0.70 of the electrical conductivity.

TABLE E-1

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP		FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE: CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAP	RF
	B			SAN JOAQUIN HB															
	B-06			DELTA-MENDOTA CANAL HU															
	B-06.A			PATTERSON HA															
	03S/06E-17K01 M																		
07/09/85	5050			7.9	907	87	25	97	--	162	--	103	--	--	--		320	2.4	
1045	5050			8.2	945	4.34	2.06	4.22		3.24		2.90			--		158	5.1	
						41	19	40											
	04S/06E-09D01 M																		
07/09/85	5050			7.9	585	59	20	45	--	161	--	47	--	--	--		229	1.3	
1000	5050			8.2	610	2.94	1.64	1.96		3.22		1.33			--		68	2.6	
						45	25	30											
	B-06.B			LOS BANOS HA															
	08S/09E-16E01 M																		
07/24/85	5050	70	F		1296	66	46	122	1.4	204	167	154	45.0	.7	--	761	354	2.8	
0935	5050	21	C	8.2	1280	3.29	3.78	5.31	.04	4.08	3.48	4.34	.73		--	724	150	6.4	
						26	30	43	0	32	28	34	6						
	B-08			SAN JOAQUIN VALLEY FLOOR HU															
	B-08.A			MANTECA HA															
	01S/07E-21G01 M																		
07/10/85	5050			7.9	334	28	10	32	--	93	--	5.0	--	--	--		111	1.3	
1115	5050			8.2	357	1.40	.82	1.39		1.86		.14			--		18	2.0	
						39	23	39											
	02S/09E-15P01 M																		
07/09/85	5050	67	F	8.1	196	25	6.0	20	--	85	--	5.0	--	--	--		87	0.9	
1430	5050	19	C	8.4	205	1.25	.49	.87		1.70		.14			--		2	1.3	
						48	19	33											
	02S/09E-19B02 M																		
07/23/85	5050	67	F	7.1	279	26	11	14	--	91	--	4.0	--	--	--		110	0.6	
1245	5050	19	C	8.4	292	1.30	.90	.61		1.62		.11			--		29	0.9	
						46	32	22											
	B-08.B			VALLEY HOME HA															
	01S/09E-16P02 M																		
07/10/85	5050			7.3	662	78	47	34	--	331	--	13	--	--	--		388	0.8	
1400	5050			8.4	685	3.89	3.87	1.48		6.61		.37			--		58	1.9	
						42	42	16											
	B-08.C			RIVERBANK HA															
	03S/08E-20J01 M																		
07/23/85	5050	72	F		108	5.0	2.0	4.0	.9	21	8.0	1.0	.1	.4	--	30	20	0.4	
1053	5050	22	C	8.7	52	.25	.16	.17	.02	.42	.17	.03	.00		--	34	0	0.1	
						42	27	28	3	68	27	5	0						
	04S/08E-05P01 M																		
07/23/85	5050	66	F		874	40	18	85	3.5	177	21	90	57.0	.2	--	495	174	2.8	
1135	5050	19	C	8.4	831	2.00	1.48	3.70	.09	3.54	.44	2.54	.92		--	421	0	5.5	
						28	20	51	1	48	6	34	12						
	B-08.E			TURLOCK HA															
	04S/09E-30Q01 M																		
07/23/85	5050	66	F		762	29	16	76	4.0	188	42	31	47.0	.1	--	421	139	2.8	
1209	5050	19	C	8.3	688	1.45	1.32	3.31	.10	3.76	.87	.87	.76		--	358	0	5.3	
						23	21	54	2	60	14	14	12						
	B-08.H			MERCED HA															
	06S/11E-36P01 M																		
05/07/85	5050	65.3	F	7.0	350	33	12	33	3.2	121	33	11	39.0	.0	--	282	132	1.2	
0830	5050	18.5	C	8.1	412	1.65	.99	1.44	.08	2.42	.69	.31	.63		--	237	11	2.1	
						40	24	35	2	60	17	9	16						
	B-08.K			GRAVELLY FORD HA															
	11S/14E-16A01 M																		
05/07/85	5050	64.4	F	7.2	850	86	22	65	4.7	235	35	120	22.0	.0	--	582	305	1.6	
1230	5050	18.0	C	8.0	917	4.29	1.81	2.83	.12	4.70	.73	3.38	.35		--	496	70	3.7	
						47	20	31	1	51	8	37	4						
	11S/15E-23L01 M																		
07/24/85	5050	72	F	7.2	678	31	20	46	3.7	191	25	29	23.0	.0	--	374	160	1.6	
1250	5050	22	C	8.2	580	1.55	1.64	2.00	.09	3.82	.52	.82	.37		--	292	0	3.1	
						29	31	38	2	69	9	15	7						
	12S/14E-21H02 M																		
11/08/84	5050	18.0	F	8.2	270	2.0	.0	64	.4	100	11	23	.2	.3	.5	211	5	12.5	
1200	5050	7.8	C	8.2	289	.10	.00	2.78	.01	2.00	.23	.65	.00		--	161	0	2.8	
						3	0	96	0	69	8	23	0						
	12S/14E-27J02 M																		
11/08/84	5050	20.0	F	8.0	410	4.0	.0	96	.7	96	33	64	.2	.4	.5	311	10	13.2	
1100	5050	6.7	C	8.1	463	.20	.00	4.18	.02	1.92	.69	1.80	.00		--	256	0	6.4	
						5	0	95	0	44	16	41	0						
	12S/14E-27M01 M																		
10/26/84	5050	19.8	F	7.4	600	32	13	88	1.7	142	57	91	.5	.1	.2	392	135	3.3	
1030	5050	6.8	C	8.1	605	1.60	1.07	3.83	.04	2.84	1.19	2.57	.01		--	368	0	5.9	
						24	16	59	1	43	18	39	0						
	12S/14E-28D01 M																		
10/26/84	5050	19.5	F	7.2	580	22	18	68	3.4	92	63	86	.9	.2	.2	339	120	2.6	
1445	5050	6.9	C	8.0	550	1.10	1.48	2.96	.09	1.84	1.31	2.43	.01		--	317	37	4.1	
						20	26	53	2	33	23	43	0						

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE / TIME	SAMPLER / LAB	TEMP	FIELD / LABORATORY PH	EC	CA	MG	NA	K	CACO3	SO4	CL	NO3	B / TURB	F / SIO2	TDS / SUM	TH / NCH	SAR / ASAR	REM
					MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE								MILLIGRAMS PER LITER					
	8 — SAN JOAQUIN HR																	
	8-08 — SAN JOAQUIN VALLEY FLOOR HU																	
	8-08.K — GRAVELLY FORD HA																	
	12S/14E-28E03 M																	
/26/84	5050	19.0F	7.2	550	15	9.0	92	2.8	108	66	72	.6	.4	.2	363	74	4.7	
1530	5050	7.2C	8.1	575	.75	.74	4.00	.07	2.16	1.37	2.03	.01		--	323	0	6.4	
					13	13	72	1	39	25	36	0						
	12S/14E-28L04 M																	
/26/84	5050	20.0F	7.4	590	21	9.0	92	2.6	120	55	80	.4	.3	.2	363	90	4.2	
1330	5050	6.7C	8.0	572	1.05	.74	4.00	.07	2.40	1.15	2.26	.01		--	332	0	6.4	
					18	13	68	1	41	20	39	0						
	12S/14E-28Q01 M																	
/26/84	5050	19.0F	7.6	810	8.0	1.0	185	2.8	141	130	108	.5	.6	.5	580	24	16.4	E
1415	5050	7.2C	8.1	798	.40	.08	8.05	.07	2.82	2.71	3.05	.01		--	520	0	16.1	
					5	1	94	1	33	32	36	0						
	12S/14E-35M04 M																	
1/08/84	5050	19.0F	7.4	710	9.0	3.0	156	1.6	171	53	108	.5	.2	.2	475	35	11.6	
1430	5050	7.2C	8.2	780	.45	.25	6.87	.04	3.42	1.10	3.05	.01		--	436	0	14.3	
					6	3	90	1	45	15	40	0						
	12S/14E-35M05 M																	
1/08/84	5050	15.0F	6.8	780	28	12	152	4.5	180	77	135	.6	.2	.1	547	120	6.0	
1400	5050	9.4C	7.8	934	1.40	.99	6.61	.12	3.60	1.60	3.81	.01		--	517	0	10.7	
					15	11	72	1	40	18	42	0						
	12S/14E-36Q01 M																	
1/08/84	5050	18.0F	7.6	1010	10	2.0	265	1.4	288	93	159	2.2	.2	.2	753	33	20.1	
1530	5050	7.8C	8.2	1220	.50	.16	11.53	.04	5.75	1.94	4.48	.04		--	705	0	28.0	
					4	1	94	0	47	16	37	0						
	12S/15E-32F01 M																	
1/09/84	5050	19.0F	7.6	810	25	10	180	6.5	316	41	90	11.4	.3	.2	623	104	7.7	
1430	5050	7.2C	8.0	960	1.25	.82	7.83	.17	6.31	.85	2.54	.18		--	554	0	15.0	
					12	8	78	2	64	9	26	2						
	13S/16E-02C02 M																	
7/24/85	5050	72 F		742	35	20	51	3.1	177	34	45	18.0	.0	--	400	170	1.7	
1355	5050	22 C	8.2	620	1.75	1.64	2.22	.08	3.54	.71	1.27	.29		--	312	0	3.3	T
					31	29	39	1	51	12	22	5						
	8-08.L — MADERA HA																	
	10S/15E-31A01 M																	
5/07/85	5050	71.6F	7.2	750	49	17	26	5.5	159	22	37	27.0	.0	--	348	192	0.8	Y
1130	5050	22.0C	7.9	515	2.45	1.40	1.13	.14	3.18	.46	1.04	.44		--	279	34	1.6	
					48	27	22	3	62	9	20	9						
	12S/17E-24H01 M																	
5/07/85	5050	73.4F	7.1	450	121	31	63	6.1	298	18	166	23.0	.0	--	712	430	1.3	Y
1400	5050	23.0C	7.8	1130	6.04	2.55	2.74	.16	5.95	.37	4.69	.37		--	607	132	3.3	
					53	22	24	1	52	3	41	3						
	8-08.M — BERENDA CREEK HA																	
	10S/16E-03F01 M																	
8/06/85	5050	67.1F	7.2	372	33	12	28	4.0	152	13	18	12.0	.0	--	270	132	1.1	E
0715	5050	19.5C	8.6	377	1.65	.99	1.22	.10	3.04	.27	.51	.19		--	211	0	1.9	T
					42	25	31	3	76	7	13	5						
	11S/19E-10J01 M																	
8/06/85	5050	82.4F	7.0	291	21	6.0	34	3.2	79	10	37	19.0	.0	--	249	77	1.7	E
1135	5050	28.0C	6.6	328	1.05	.49	1.48	.08	1.58	.21	1.04	.31		--	178	0	2.2	T
					34	16	48	3	50	7	33	10						

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB		TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
	C	TULARE LAKE HA																	
	C-01	SOUTH VALLEY FLOOR HU																	
	C-01.G	CONSOLIDATED HA																	
	16S/22E-05C01 M																		
06/26/85	5701		66	F		24	4.0	17	2.2	84	5.0	16	7.0	--	.1	159	78	0.8	
1600	5701		19	C	8.0	240	1.20	.33	.74	.06	1.68	.10	.51	.11		30.0	158	0	1.1	
							52	14	32	3	70	4	21	5						
	16S/22E-05E02 M																		
05/10/85	5701		68	F			26	3.0	20	2.6	88	7.0	18	10.0	--	.1	161	80	1.0	
1530	5701		20	C	8.2	230	1.30	.25	.87	.07	1.76	.15	.51	.16		21.0	161	0	1.3	
							57	10	35	3	68	6	20	6						
	16S/22E-06G01 M																		
05/10/85	5701		66	F			62	10	44	4.4	203	32	24	33.0	--	.1	356	196	1.4	
1545	5701		19	C	7.8	535	3.09	.82	1.91	.11	4.06	.67	.68	.53		26.0	357	0	2.9	
							52	14	32	2	68	11	11	9						
	16S/22E-06Q01 M																		
06/26/85	5701		68	F			29	4.0	22	2.2	84	7.0	25	9.0	--	.1	173	87	1.0	
1645	5701		20	C	8.0	285	1.45	.33	.96	.06	1.48	.15	.71	.15		26.0	175	5	1.4	
							52	12	34	2	42	6	26	6						
	16S/22E-20R01 M																		
10/29/84	1529						57	13	--	--	152	11	31	7.5	.12	--	320	195		E
	1529			7.8	440	2.84	1.07			3.04	.23	.87	.12		--		44			S
										71	5	20	3							
04/02/85	5702						55	21	27	2.7	147	11	30	8.9	.13	--	270	186	0.9	
	5999			7.9	425	2.74	1.73	1.17	.07	2.94	.23	.85	.14		--	244	77	1.7		S
							48	30	20	1	71	6	23	3						
	16S/22E-21A01 M																		
10/29/84	1529						34	7.7	--	--	112	7.7	4.2	7.5	.10	--	210	121		E
	1529			7.9	285	1.80	.63			2.24	.16	.12	.12		--		10			S
										85	6	5	5							
04/02/85	5702						37	13	19	2.3	118	5.9	3.5	3.1	.10	--	260	121	0.8	E
	5999			8.0	280	1.85	1.07	.83	.06	2.36	.12	.10	.05		--	155	28	1.9		T
							49	28	22	2	90	5	4	2						S
	16S/22E-21C01 M																		
10/29/84	1529						59	15	--	--	188	40	41	24.0	.12	--	450	209		E
	1529			7.4	620	2.94	1.23			3.75	.83	1.16	.39		--		71			S
										61	14	19	6							
04/02/85	5702						63	25	76	3.9	204	37	40	23.0	.19	--	440	215	2.3	
	5999			7.8	630	3.14	2.06	2.31	.10	4.09	.77	1.13	.37		--	300	56	4.7		S
							36	24	38	1	64	12	18	6						
	16S/22E-28A01 M																		
10/29/84	1529						20	4.7	--	--	72	12	3.8	17.0	.12	--	190	70		E
	1529			8.0	235	1.00	.39			1.44	.25	.11	.27		--		0			S
										70	12	5	13							
04/02/85	5702						22	7.1	27	2.0	78	11	5.1	19.0	.11	--	240	75	1.4	E
	5999			8.0	240	1.10	.58	1.17	.05	1.56	.23	.14	.31		--	160	6	1.8		T
							38	20	40	2	70	10	6	14						S
	16S/22E-28M01 M																		
10/29/84	1529						20	4.8	--	--	46	4.8	8.4	7.5	.05	--	150	70		E
	1529			8.1	160	1.00	.39			.92	.10	.24	.12		--		24			S
										67	7	17	9							
	16S/22E-28P01 M																		
10/29/84	1529						91	31	--	--	228	28	57	27.0	.21	--	500	354		E
	1529			7.6	730	4.54	2.55			4.56	.59	1.61	.44		--		127			S
										63	8	22	6							
04/02/85	5702						108	40	35	3.6	267	25	52	35.0	.19	--	570	383	0.8	E
	5999			7.6	760	5.39	3.29	1.52	.10	5.33	.52	1.47	.55		--	459	166	1.9		
							52	32	15	1	68	7	19	7						
	16S/22E-29K02 M																		
10/29/84	1529						45	9.5	--	--	86	26	22	44.0	.12	--	310	157		E
	1529			8.1	380	2.25	.78			1.72	.54	.62	.71		--		66			
										48	15	17	20							
04/02/85	5702						49	18	26	3.0	99	28	23	36.0	.07	--	360	165	0.9	E
	5999			8.0	410	2.45	1.48	1.13	.08	1.98	.59	.65	.58		--	242	98	1.5		T
							48	29	22	2	52	15	17	15						
	16S/22E-30R01 M																		
10/29/84	1529						37	8.5	--	--	97	9.9	26	13.0	.11	--	300	128		E
	1529			7.9	350	1.85	.78			1.94	.21	.73	.21		--		31			
										63	7	24	7							
04/02/85	5702						37	13	23	2.6	98	8.1	27	11.0	.07	--	310	124	0.9	E
	5999			8.0	320	1.85	1.07	1.00	.07	1.96	.17	.76	.15		--	181	48	1.4		T
							46	27	25	2	84	5	25	4						
	16S/22E-32H01 M																		
10/29/84	1529						24	4.6	--	--	81	4.5	4.1	7.9	.09	--	180	78		E
	1529			7.9	220	1.20	.38			1.67	.09	.12	.13		--		0			
										83	5	5	7							
04/02/85	5702						22	5.6	21	1.7	83	4.1	4.0	8.2	.11	--	240	75	1.1	E
	5999			8.1	220	1.10	.54	.91	.04	1.66	.09	.11	.10		--	115	0	1.4		T
							42	21	35	2	85	5	6	5						
	16S/22E-33D01 M																		
10/29/84	1529						48	11	--	--	104	10	14	64.0	.10	--	320	166		E
	1529			7.9	390	2.40	.90			2.08	.33	.30	1.08		--		61			
										54	9	10	27							
04/02/85	5702						43	10	23	1.9	103	13	13	44.0	.14	--	340	150	0.8	E
	5999			8.0	565	2.15	.95	1.00	.05	2.06	.27	.57	.71		--	210	47	1.4		T
								25		60	8	11	21							

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB		TEMP	FIELD LABORATORY PH	FIELD LABORATORY EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER CA	MG	NA	K	MILLIGRAMS PER LITER PERCENT REACTANCE VALUE CACO3	SO4	CL	NO3	B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
	C	TULARE LAKE HA																	
	C-01	SOUTH VALLEY FLOOR HU																	
	C-01.J	HANFORD-LEMOORE HA																	
	18S/20E-22J01 M																		
7/25/85	5050		71.6F	6.9	222	17	5.0	12	1.6	47	24	8.0	13.0	.0	--	128	63	0.7	
0815	5050		22.0C	8.4	199	.85	.41	.52	.04	.94	.50	.23	.21		--	109	16	0.7	
						47	23	29	2	50	27	12	11						
	C-01.K	KAWEAH DELTA HA																	
	18S/24E-36E01 M																		
8/19/85	5701		66	F			42	3.0	15	1.2	113	7.0	18	7.0	--	.1	180	118	0.6	
1000	5701		19	C	7.8	285	2.10	.25	.65	.03	2.26	.15	.51	.11		19.0	180	5	1.0	
							69	8	21	1	75	5	17	4						
	18S/25E-14N02 M																		
7/25/85	5701		63	F			26	5.0	6.0	.8	80	7.0	5.0	5.0	--	.1	133	86	0.3	E
1349	5701		17	C	7.3	180	1.30	.41	.26	.02	1.60	.15	.14	.08		30.0	133	6	0.4	
							65	21	13	1	81	8	7	4						
	18S/25E-19N01 M																		
7/08/85	5701		63	F			26	3.0	14	1.4	98	7.0	3.0	6.0	--	.1	135	80	0.7	
1047	5701		17	C	8.1	220	1.30	.25	.61	.04	1.96	.15	.08	.10		15.0	134	0	1.0	
							59	11	28	2	86	7	3	4						
	18S/25E-19Q01 M																		
8/19/85	5701		63	F			21	3.0	11	.9	71	9.0	3.0	2.0	--	.1	110	64	0.6	E
1148	5701		17	C	8.0	155	1.05	.25	.48	.02	1.42	.19	.08	.03		17.0	109	0	0.7	
							58	14	27	1	83	11	5	2						
	18S/25E-20E01 M																		
7/25/85	5701		63	F			28	6.0	10	1.4	88	6.0	7.0	10.0	--	.1	140	94	0.4	
1320	5701		17	C	7.9	210	1.40	.49	.44	.04	1.76	.12	.20	.16		19.0	140	7	0.7	
							59	21	19	2	79	5	9	7						
	18S/25E-29B01 M																		
8/19/85	5701		63	F			21	2.0	11	1.0	69	9.0	4.0	1.0	--	.1	104	60	0.6	E
1414	5701		17	C	7.9	145	1.05	.16	.48	.03	1.38	.19	.11	.02		13.0	103	0	0.7	
							61	9	28	2	81	11	6	1						
	18S/25E-29C01 M																		
7/03/85	5701		75	F			25	5.0	10	1.2	88	7.0	4.0	8.0	--	.6	140	83	0.5	
0940	5701		24	C	7.9	205	1.25	.41	.44	.03	1.76	.15	.11	.13		28.0	141	0	0.7	
							59	19	21	1	82	7	5	6						
	18S/25E-30H01 M																		
7/08/85	5701		64	F			43	6.0	13	1.3	142	11	8.0	6.0	--	.1	202	134	0.5	
1117	5701		18	C	7.7	330	2.15	.49	.57	.03	2.84	.23	.23	.10		28.0	201	0	0.9	
							66	15	18	1	84	7	7	3						S
	18S/25E-31R03 M																		
7/25/85	5701		64	F			30	3.0	14	1.4	96	8.0	10	4.0	--	.1	148	90	0.6	
1150	5701		18	C	7.8	220	1.50	.25	.61	.04	1.92	.17	.28	.06		19.0	147	0	0.9	
							63	10	25	2	79	7	12	2						
	18S/25E-32K01 M																		
8/19/85	5701		63	F			26	4.0	17	1.1	97	6.0	7.0	1.0	--	.1	139	82	0.8	
1128	5701		17	C	7.5	220	1.30	.33	.74	.03	1.94	.12	.20	.02		19.0	139	0	1.2	
							54	14	31	1	85	5	9	1						
	18S/25E-33P01 M																		
7/25/85	5701		63	F			44	6.0	12	1.2	112	15	17	14.0	--	.1	200	136	0.4	
1040	5701		17	C	7.9	305	2.20	.49	.52	.03	2.24	.31	.48	.23		24.0	200	23	0.8	
							68	15	16	1	69	10	15	7						
	19S/21E-25R01 M																		
7/25/85	5050		72.5F	8.3	420	10	.0	82	.5	160	15	20	2.0	.5	--	236	25	7.1	
0730	5050		22.5C	8.6	393	.50	.00	3.57	.01	3.20	.31	.56	.03		--	226	0	7.9	
							12	0	88	0	78	8	14	1						
	19S/24E-02K01 M																		
7/08/85	5701		64	F			20	1.0	18	1.2	70	7.0	9.0	7.0	--	.1	120	54	1.1	
1028	5701		18	C	8.1	200	1.00	.08	.78	.03	1.40	.15	.25	.11		15.0	120	0	1.2	
							53	4	41	2	73	8	13	6						
	19S/24E-03A02 M																		
8/19/85	5701		64	F			73	5.0	20	.8	171	20	23	21.0	--	.1	286	202	0.6	
1030	5701		18	C	7.4	460	3.64	.41	.87	.02	3.42	.42	.65	.34		21.0	286	32	1.2	
							74	8	18	0	71	9	13	7						
	19S/25E-06E01 M																		
7/25/85	5701		66	F			25	1.0	15	1.4	78	7.0	11	3.0	--	.1	126	68	0.8	
1135	5701		19	C	8.1	190	1.25	.08	.65	.04	1.56	.15	.31	.05		15.0	125	0	1.0	
							62	4	32	2	75	7	15	2						
	19S/25E-06M01 M																		
8/19/85	5701		63	F			34	2.0	14	1.0	81	6.0	23	4.0	--	.1	150	94	0.6	
1100	5701		17	C	7.9	245	1.70	.16	.61	.03	1.62	.12	.65	.06		17.0	150	12	0.9	
							68	6	24	1	66	5	27	2						
	19S/25E-19E03 M																		
7/25/85	5701		64	F			25	1.0	16	1.0	66	10	7.0	6.0	--	.1	125	59	0.9	
1110	5701		18	C	8.1	190	1.25	.08	.70	.03	1.32	.21	.20	.10		21.0	127	1	1.0	
							61	4	34	1	72	11	11	5						S
	21S/23E-08C01 M																		
7/24/85	5050		84.2F	7.1	745	66	4.0	74	.9	129	127	42	41.0	.0	--	451	181	2.4	
1140	5050		29.0C	8.2	725	3.29	.33	3.22	.02	2.58	2.64	1.18	.66		--	432	52	4.4	
							48	5	47	0	37	37	17	9						
	C-01.L	TULE DELTA HA																	
	22S/24E-07R01 M																		
7/24/85	5050		76.1F	8.1	293	16	1.0	44	.7	86	12	20	4.9	.1	--	171	44	2.9	
0915	5050		24.5C	8.5	259	.80	.08	1.91	.02	1.72	.25	.56	.08		--	150	0	3.2	
							28	3	68	1	66	10	21	3						S

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB		TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE CA	MG	NA	K	CACO3	SO4	CL	NO3	MILLIGRAMS PER LITER B TURB	F SIO2	TDS SUM	TH NCH	SAR ASAR	REM
	C	TULARE LAKE HA																	
	C-01	SOUTH VALLEY FLOOR HU																	
	C-01.P	KETTLEMAN HA																	
	20S/15E-20R01 M																		
01/17/85	5050		73 F	7.6	2100	60	103	255	6.5	241	635	122	1.6	2.0	--	1480	574	4.6	E
1045	5050		23 C	8.1	2050	2.99	8.47	11.09	.17	4.82	13.22	3.44	.03		--	1330	392	11.5	
						13	37	49	1	22	61	16	0						S
	20S/16E-30N02 M																		
01/17/85	5050		66 F	7.4	1900	85	119	244	5.5	163	748	158	49.0	1.3	--	1640	702	4.0	E
1025	5050		19 C	8.1	2180	4.24	9.79	10.61	.14	3.26	15.57	4.46	.79		--	1508	539	9.6	
						17	40	43	1	14	65	19	3						S
	21S/15E-03F01 M																		
01/17/85	5050		68 F	7.6	2600	146	103	376	6.1	173	1100	168	28.0	2.4	--	2220	789	5.8	E
1000	5050		20 C	8.1	2840	7.29	8.47	16.36	.16	3.46	22.90	4.74	.45		--	2033	615	14.2	
						23	26	51	0	11	73	15	1						S
	C-01.O	ANTELOPE PLAIN HA																	
	28S/22E-07P01 M																		
12/05/84	4775					--	--	--	--	--	1450	314	--	--	--				
	5805				3500						30.19	8.85			--				
																			S
	C-01.R	SEMITROPIC HA																	
	28S/23E-11E02 M																		
07/23/85	5050		75.2F	7.7	612	37	1.0	78	.7	84	109	42	17.0	.1	--	354	96	3.5	
1100	5050		24.0C	8.3	570	1.85	.08	3.39	.02	1.68	2.27	1.18	.27		--	335	13	4.8	
						35	1	63	0	31	42	22	5						
	28S/24E-06F01 M																		
07/23/85	0000		82.4F	8.4	677	29	.0	91	.8	29	114	86	9.7	.1	--	349	72	4.7	
1030	5050		28.0C	8.4	619	1.45	.00	3.96	.02	.58	2.37	2.43	.16		--	348	44	3.8	
						27	0	73	0	10	43	44	3						
	C-01.T	NORTH KERN HA																	
	27S/26E-27A01 M																		
07/23/85	5050		75.2F	7.5	602	41	7.0	59	2.4	122	37	72	2.6	.2	--	314	131	2.2	
1330	5050		24.0C	8.4	546	2.05	.58	2.57	.06	2.44	.77	2.03	.04		--	294	10	3.8	
						39	11	49	1	46	15	38	1						
	28S/24E-09H01 M																		
08/05/85	5050		80.6F	8.0	816	91	1.0	95	1.4	43	192	122	17.0	.1	--	574	231	2.7	
1135	5050		27.0C	8.1	923	4.54	.08	4.13	.04	.86	4.00	3.44	.27		--	545	198	3.9	
						52	1	47	0	10	47	40	3						
	28S/25E-17L01 M																		
05/08/85	5050		73 F	8.0	800	62	2.0	76	1.6	43	122	102	24.0	.0	--	452	163	2.6	
0900	5050		23 C	7.9	731	3.09	.16	3.31	.04	.86	2.54	2.88	.42		--	417	120	3.4	
						47	2	50	1	13	38	43	6						
	28S/26E-30A01 M																		
07/23/85	5050		77.0F	7.7	750	80	2.0	72	2.7	100	190	32	16.0	.3	--	460	208	2.2	
1300	5050		25.0C	8.3	708	3.99	.16	3.13	.07	2.00	3.96	.90	.26		--	435	108	3.9	
						54	2	43	1	28	56	13	4						S
	C-01.V	KERN DELTA HA																	
	29S/27E-10M01 M																		
07/22/85	5701		70 F			52	6.0	59	2.8	62	130	64	25.0	--	.1	401	180	1.9	
0950	5701		21 C	7.7	660	3.09	.49	2.57	.07	1.24	2.71	1.80	.40		15.0	401	117	2.9	
						50	8	41	1	20	44	29	7						
	29S/27E-10N02 M																		
07/22/85	5701		72 F			100	10	53	3.6	124	118	94	50.0	--	.1	522	290	1.4	
1530	5701		22 C	7.9	860	4.99	.82	2.31	.09	2.48	2.46	2.65	.81		19.0	522	167	2.7	
						61	10	28	1	30	29	32	10						
	29S/27E-16D04 M																		
07/22/85	5701		72 F			66	2.0	47	2.7	66	110	60	29.0	--	.1	372	174	1.6	
1010	5701		22 C	8.0	595	3.29	.16	2.04	.07	1.32	2.29	1.69	.47		15.0	371	107	2.4	
						59	3	37	1	23	40	29	8						
	29S/27E-25R02 M																		
07/18/85	5701					34	6.0	19	2.4	92	29	22	5.0	--	.1	199	110	0.8	
1325	5701			7.6	320	1.70	.49	.83	.06	1.84	.58	.62	.08		28.0	200	18	1.2	
						55	16	27	2	59	19	20	3						
	29S/27E-25Q02 M																		
08/27/85	5701		63 F			29	5.0	21	2.6	79	23	27	4.0	--	.1	183	93	0.9	
1000	5701		17 C	7.7	285	1.45	.41	.91	.07	1.58	.48	.76	.06		24.0	183	14	1.3	
						51	14	32	2	55	17	26	2						
	29S/27E-25R01 M																		
07/10/85	5701		70 F			40	9.0	23	2.5	116	32	27	7.0	--	.1	234	137	0.9	
1300	5701		21 C	7.5	375	2.00	.74	1.00	.06	2.32	.67	.62	.11		30.0	235	21	1.5	
						53	19	26	2	62	18	17	3						
	29S/27E-25P01 M																		
11/08/84	5701		61 F			24	5.0	30	2.0	62	27	37	4.0	--	.2	187	80	1.5	
1115	5701		16 C	7.3	314	1.20	.41	1.31	.05	1.24	.56	1.04	.06		21.0	187	19	1.8	
						40	14	44	2	43	19	36	2						
	29S/27E-35A02 M																		
07/10/85	5701		70 F			22	3.0	17	1.7	66	15	11	3.0	--	.2	139	66	0.9	
1240	5701		21 C	7.8	210	1.10	.25	.74	.04	1.32	.31	.31	.05		25.0	140	2	1.1	
						52	12	35	2	66	16	16	3						

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB		TEMP	FIELD LABORATORY PH	FIELD LABORATORY EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE CA	MG	NA	K	CACO3	SO4	CL	NO3	B TURB	F SIO2	TOS SUM	TH NCH	SAR ASAR	REM
	C	TULARE LAKE HR																	
	C-01	SOUTH VALLEY FLOOR HU																	
	C-01.V	KERN DELTA HA																	
	29S/28E-16E01 M																		
08/27/85	5701		63	F		34	5.0	20	1.9	107	15	16	1.0	--	.2	180	105	0.8	
1040	5701		17	C	8.1 275	1.70	.41	.87	.05	2.14	.31	.45	.02		24.0	181	0	1.3	
						56	14	29	2	73	11	15	1						
	29S/28E-16Q01 M																		
07/18/85	5701		77	F		60	6.0	25	1.8	86	86	36	5.0	--	.1	299	174	0.8	
1240	5701		25	C	8.0 485	2.99	.49	1.09	.05	1.72	1.79	1.02	.08		28.0	299	88	1.4	
						65	11	24	1	37	39	22	2						
	29S/28E-16R01 M																		
08/05/85	5701		70	F		259	37	90	3.0	72	338	382	55.0	--	.1	1225	802	1.4	
1100	5701		21	C	7.8 1800	12.92	3.04	3.92	.08	1.44	7.04	10.77	.89		17.0	1224	727	2.9	
						65	15	20	0	7	35	53	4						
	29S/28E-17R01 M																		
08/07/85	5701					58	11	26	2.0	91	70	56	1.0	--	.1	302	190	0.8	
1515	5701				7.9 485	2.89	.90	1.13	.05	1.82	1.46	1.58	.02		24.0	303	99	1.4	
						58	18	23	1	37	30	32	0						
	29S/28E-19D02 M																		
07/24/85	5701		70	F		26	5.0	21	2.1	86	30	10	2.0	--	.2	172	88	1.0	
1515	5701		21	C	7.6 250	1.30	.41	.91	.05	1.72	.62	.28	.03		24.0	172	0	1.4	
						49	15	34	2	65	23	11	1						
	29S/28E-19E02 M																		
09/04/85	5701		70	F		29	5.0	19	1.9	92	26	15	5.0	--	.1	202	97	0.8	E
1330	5701		21	C	7.5 270	1.45	.49	.83	.04	1.84	.54	.42	.08		45.0	202	5	1.2	
						52	17	30	1	64	19	15	3						
	29S/28E-19N02 M																		
06/17/85	5701		64	F		38	.0	23	2.3	88	28	14	11.0	--	.1	192	94	1.0	
1200	5701		18	C	7.3 280	1.90	.00	1.00	.06	1.76	.58	.39	.18		24.0	193	7	1.5	
						64	0	34	2	60	20	13	6						
	29S/28E-20G01 M																		
08/06/85	5701		72	F		188	29	54	4.1	74	434	128	7.0	--	.1	912	590	1.0	
1100	5701		22	C	7.7 1400	9.38	2.38	2.35	.10	1.48	9.04	3.61	.11		24.0	912	514	2.0	
						66	17	17	1	10	63	25	1						
	29S/28E-20G02 M																		
08/06/85	5701		70	F		274	45	66	3.3	64	593	267	1.0	--	.1	1283	872	1.0	E
1400	5701		21	C	7.9 1450	13.67	3.70	2.87	.08	1.28	11.51	7.53	.02		34.0	1282	805	2.0	C
						67	18	14	0	6	57	37	0						
	29S/28E-20H01 M																		
08/27/85	5701		73	F		114	12	30	2.4	61	149	95	1.0	--	.1	498	337	0.7	
1100	5701		23	C	8.0 805	5.69	.99	1.31	.06	1.22	3.93	2.68	.02		17.0	497	273	1.3	
						71	12	16	1	16	50	34	0						
	29S/28E-20L01 M																		
07/22/85	5701		70	F		147	19	37	2.8	78	298	137	2.0	--	.1	734	498	0.7	
1230	5701		21	C	7.5 1150	8.33	1.56	1.61	.07	1.56	6.20	3.86	.03		24.0	734	417	1.4	
						72	13	14	1	13	63	33	0						
08/27/85	5701		70	F		187	8.0	41	3.1	79	308	147	1.0	--	.1	767	503	0.8	
1020	5701		21	C	7.8 1210	9.33	.66	1.78	.08	1.58	6.41	4.15	.02		24.0	766	421	1.6	
						79	6	15	1	13	63	34	0						S
	29S/28E-30A01 M																		
07/10/85	5701		72	F		23	2.0	18	1.4	78	17	8.6	1.0	--	.2	143	66	1.0	
1445	5701		22	C	8.1 215	1.15	.16	.78	.04	1.56	.35	.23	.02		26.0	143	0	1.2	
						54	9	37	2	72	16	11	1						
	29S/28E-30H02 M																		
07/18/85	5701		68	F		29	4.0	16	1.9	84	25	12	7.0	--	.1	173	90	0.7	
1153	5701		20	C	7.6 255	1.45	.33	.70	.05	1.68	.52	.34	.11		29.0	173	5	1.0	
						57	13	28	2	63	20	13	4						
	29S/28E-30Q04 M																		
06/17/85	5701		68	F		41	9.0	24	2.5	122	35	17	14.0	--	.1	239	134	0.9	
1145	5701		20	C	7.2 375	2.05	.66	1.04	.06	2.44	.73	.48	.23		24.0	241	14	1.6	
						54	17	27	2	63	19	12	6						
	29S/28E-31D01 M																		
09/06/85	5701		70	F		53	10	30	2.7	129	33	47	15.0	--	.2	306	173	1.0	
1430	5701		21	C	7.4 495	2.64	.82	1.31	.07	2.58	.81	1.33	.24		32.0	306	44	1.8	
						55	17	27	1	52	16	27	5						
	29S/28E-32H01 M																		
09/05/85	5701		68	F		345	23	96	9.0	105	782	147	34.0	--	.1	1516	956	1.4	E
1430	5701		20	C	7.8 1950	17.22	1.89	4.18	.23	2.10	16.28	4.14	.55		17.0	1514	851	3.2	
						73	8	18	1	9	71	18	2						
	29S/28E-32L01 M																		
09/06/85	5701		72	F		110	14	36	3.2	101	229	43	8.0	--	.1	525	335	0.9	
1100	5701		22	C	7.9 770	5.49	1.15	1.57	.08	2.02	4.77	1.21	.13		21.0	525	231	1.7	
						66	14	19	1	25	59	15	2						
	29S/28E-32P02 M																		
08/27/85	5701		70	F		155	8.0	62	4.4	109	309	61	28.0	--	.1	731	415	1.3	
1115	5701		21	C	7.8 1200	7.73	.49	2.70	.11	2.18	6.43	2.28	.45		19.0	730	302	2.6	
						70	4	24	1	19	57	20	4						S
	30S/27E-01K01 M																		
06/17/85	5701		64	F		34	5.0	32	2.5	108	25	18	14.0	--	.1	217	104	1.4	
	5701		18	C	7.3 340	1.70	.41	1.39	.06	2.16	.54	.51	.23		21.0	217	0	2.1	
						48	12	39	2	63	16	15	7						

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB		TEMP	FIELD LABORATORY PH	FIELD LABORATORY EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER / MILLIEQUIVALENTS PER LITER / PERCENT REACTANCE VALUE CA	MG	NA	K	CACO3	SO4	CL	NO3	B TJR8	F SIO2	MILLIGRAMS PER LITER TDS SUM	TH NCH	SAR ASAR	REM
	C	TULARE LAKE HA																	
	C-01	SOUTH VALLEY FLOOR HU																	
	C-01.V	KERN DELTA HA																	
	30S/27E-02P01 M																		
07/18/85	5701		66	F		33	6.0	24	2.0	98	20	20	12.0	--	.2	205	106	1.0	
1430	5701		19	C	7.6 310	1.65	.49	1.04	.05	1.96	.42	.56	.19		30.0	206	0	1.6	
						51	15	32	2	63	13	18	6						
	30S/27E-11R01 M																		
07/18/85	5701		70	F		50	11	36	2.7	146	44	25	29.0	--	.1	315	170	1.2	
1500	5701		21	C	7.3 490	2.50	.90	1.57	.07	2.92	.92	.71	.47		30.0	315	24	2.3	
						50	18	31	1	58	18	14	9						
	30S/27E-12C01 M																		
08/27/85	5701		64	F		44	9.0	24	2.7	133	29	17	15.0	--	.1	244	149	0.9	
0840	5701		18	C	7.5 385	2.20	.74	1.04	.07	2.66	.60	.48	.24		24.0	244	14	1.5	
						54	18	26	2	67	15	12	6						
	30S/27E-12R01 M																		
06/17/85	5701		66	F		22	4.0	18	1.6	76	17	9.0	6.0	--	.2	145	70	0.9	
1445	5701		19	C	7.4 210	1.10	.33	.78	.04	1.52	.35	.25	.10		24.0	147	0	1.2	
						49	15	35	2	68	16	11	5						
	30S/27E-13H02 M																		
06/17/85	5701		64	F		29	4.0	20	1.9	94	19	11	6.0	--	.1	167	90	0.9	
1520	5701		18	C	7.8 265	1.45	.33	.87	.05	1.88	.40	.31	.10		19.0	166	0	1.3	
						54	12	32	2	70	15	12	4						
	30S/27E-23B01 M																		
07/10/85	5701		72	F		33	7.0	20	2.3	116	27	6.0	5.0	--	.1	203	110	0.8	
1430	5701		22	C	7.8 305	1.65	.58	.87	.06	2.32	.56	.17	.08		34.0	204	0	1.4	
						52	18	28	2	74	18	5	3						
	30S/27E-23C03 M																		
07/22/85	5701		64	F		34	6.0	22	2.0	112	28	12	7.0	--	.2	202	110	0.9	
1100	5701		18	C	7.7 325	1.70	.49	.96	.05	2.24	.58	.34	.11		24.0	202	0	1.5	
						53	15	30	2	69	18	10	3						
	30S/28E-05C01 M																		
07/18/85	5701		70	F		52	11	29	1.8	136	40	31	16.0	--	.1	293	174	1.0	
1155	5701		21	C	7.8 470	2.59	.90	1.26	.05	2.72	.83	.87	.26		30.0	292	39	1.8	
						54	19	26	1	58	18	19	6						
	30S/28E-05F01 M																		
06/17/85	5701		66	F		53	14	27	1.6	128	51	32	27.0	--	.1	306	188	0.9	
1430	5701		19	C	7.7 490	2.64	1.15	1.17	.04	2.56	1.06	.90	.44		24.0	306	62	1.6	
						53	23	23	1	52	21	18	9						
	30S/28E-06M02 M																		
07/10/85	5701		70	F		23	4.0	19	1.8	74	20	9.0	11.0	--	.2	160	76	0.9	
1045	5701		21	C	7.6 240	1.15	.33	.83	.05	1.48	.42	.25	.18		29.0	160	0	1.2	
						49	14	35	2	64	18	11	8						
	30S/28E-17B02 M																		
07/19/85	5701		72	F		46	12	44	3.2	133	53	32	43.0	--	.2	340	164	1.5	
1030	5701		22	C	8.1 540	2.30	.99	1.91	.08	2.66	1.10	.90	.69		29.0	341	32	2.7	
						44	19	36	2	50	21	17	13						
	30S/28E-20C01 M																		
07/22/85	5701					45	12	40	3.2	128	47	39	26.0	--	.2	312	160	1.4	
1140	5701				8.0 515	2.25	.99	1.74	.08	2.56	.98	1.10	.42		24.0	313	34	2.5	
						44	20	34	2	51	19	22	8						
	31S/25E-13B01 M																		
05/08/85	5050		75	F	8.9 340	2.0	.0	69	.3	80	47	16	.0	.3	--	206	5	13.4	
0745	5050		24	C	8.8 333	.10	.00	3.00	.01	1.60	.98	.45	.00		--	183	0	1.6	
						3	0	96	0	53	32	15	0						
	C-03	KINGS RIVER HU																	
	C-03.B	UPPER KINGS HA																	
	C-03.B1	SYCAMORE CREEK HSA																	
	10S/24E-16R01 M																		
02/19/85	5050					8.0	1.0	5.0	1.4	31	1.0	1.0	.4	.0	--	59	24	0.4	E
1000	5050				7.6 73	.40	.08	.22	.04	.62	.02	.03	.01		--	37	0	0.2	T
						54	11	30	5	91	3	4	1						

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TABLE E-2
MINOR ELEMENT ANALYSES OF GROUND WATER

Lab and Sampler Agency Code

5050 - California Department of Water Resources
5701 - California Water Service Company

Abbreviations

TIME	-	Pacific Standard Time on a 24-hour clock
EC	-	Electrical conductance in microsiemens at 25 o C
TEMP	-	Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
pH	-	Measure of acidity or alkalinity of water
CHROM (ALL)	-	All chromium
CHROM (HEX)	-	Hexavalent chromium
D	-	Dissolved
T	-	Total

TABLE E-2

MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	EC	TEMP	PH		ARSENIC	CONSTITUENTS IN MILLIGRAMS PER LITER BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
		C		TULARE LAKE HA									
		C-01		SOUTH VALLEY FLOOR HU									
		C-01.6		CONSOLIDATED HA									
		16S/22E-05C01 M											
06/26/85	5701			19	C			--	--	.005 T	--	--	--
1600	5701						--	--	--	.005 T	.005 T	--	.005 T
		16S/22E-05E02 M											
05/10/85	5701			20	C			--	--	.005 T	--	--	--
1530	5701						--	--	--	.005 T	.005 T	--	.005 T
		16S/22E-06G01 M											
05/10/85	5701			19	C			--	--	.005 T	--	--	--
1545	5701						--	--	--	.005 T	.005 T	--	.005 T
		16S/22E-06Q01 M											
06/26/85	5701			20	C			--	--	.005 T	--	--	--
1645	5701						--	--	--	.005 T	.005 T	--	.005 T
		C-01.K		KAWEAH DELTA HA									
		18S/24E-36E01 M											
08/19/85	5701			19	C			--	--	.08 T	--	--	--
1000	5701						--	--	--	.005 T	.005 T	--	.06 T
		18S/25E-14N02 M											
07/25/85	5701			17	C			--	--	.005 T	--	--	--
1340	5701						--	--	--	.005 T	.005 T	--	.005 T
		18S/25E-19N01 M											
07/08/85	5701			17	C			--	--	.005 T	--	--	--
1047	5701						--	--	--	.005 T	.005 T	--	.005 T
		18S/25E-19Q01 M											
08/19/85	5701			17	C			--	--	.005 T	--	--	--
1148	5701						--	--	--	.09 T	.005 T	--	.005 T
		18S/25E-20E01 M											
07/25/85	5701			17	C			--	--	.10 T	--	--	--
1320	5701						--	--	--	.005 T	.005 T	--	.005 T
		18S/25E-29R01 M											
08/19/85	5701			17	C			--	--	.005 T	--	--	--
1414	5701						--	--	--	.005 T	.005 T	--	.005 T
		18S/25E-29C01 M											
07/03/85	5701			24	C			--	--	.005 T	--	--	--
0940	5701						--	--	--	.005 T	.005 T	--	.005 T
		18S/25E-30H01 M											
07/09/85	5701			18	C			--	--	.09 T	--	--	--
1117	5701						--	--	--	.005 T	.005 T	--	.005 T
		18S/25E-31R03 M											
07/25/85	5701			18	C			--	--	.005 T	--	--	--
1150	5701						--	--	--	.005 T	.005 T	--	.005 T
		18S/25E-32K01 M											
08/19/85	5701			17	C			--	--	.005 T	--	--	--
1128	5701						--	--	--	.005 T	.005 T	--	.005 T
		18S/25E-33P01 M											
07/25/85	5701			17	C			--	--	.005 T	--	--	--
1040	5701						--	--	--	.005 T	.005 T	--	.005 T
		19S/24E-02K01 M											
07/08/85	5701			18	C			--	--	.005 T	--	--	--
1028	5701						--	--	--	.005 T	.005 T	--	.005 T
		19S/24E-03A02 M											
08/19/85	5701			18	C			--	--	.005 T	--	--	--
1030	5701						--	--	--	.005 T	.005 T	--	.005 T
		19S/25E-06E01 M											
07/25/85	5701			19	C			--	--	.005 T	--	--	--
1135	5701						--	--	--	.005 T	.005 T	--	.005 T
		19S/25E-06M01 M											
08/19/85	5701			17	C			--	--	.005 T	--	--	--
1100	5701						--	--	--	.005 T	.005 T	--	.005 T
		19S/25E-19E03 M											
07/25/85	5701			18	C			--	--	.005 T	--	--	--
1110	5701						--	--	--	.005 T	.005 T	--	.005 T
		C-01.P		KETTLEMAN HA									
		20S/15E-20R01 M											
01/17/85	5050			23	C			--	--	--	--	0.000 T	--
1045	5050		2100	7.6			--	--	--	--	--	0.004 D	--

TABLE E-2 (CONTINUED)

MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	EC	TEMP	PH		ARSENIC	CONSTITUENTS IN MILLIGRAMS PER LITER BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
		C		TULARE LAKE HB									
		C-01		SOUTH VALLEY FLOOR HU									
		C-01.P		KETTLEMAN HA									
		20S/16E-30N02 M											
01/17/85	5050			19	C			--	--	--	--	0.000 T	--
1025	5050		1900	7.4			--	--	--	--	--	0.017 D	--
		21S/15E-03F01 M											
01/17/85	5050			20	C			--	--	--	--	0.000 T	--
1000	5050		2600	7.6			--	--	--	--	--	0.003 D	--
		C-01.V		KERN DELTA HA									
		29S/27E-10M01 M											
07/22/85	5701			21	C			--	--	.005 T	--	--	--
0950	5701						--	--	--	.005 T	.005 T	--	.005 T
		29S/27E-10N02 M											
07/22/85	5701			22	C			--	--	.005 T	--	--	--
1530	5701						--	--	--	.09 T	.005 T	--	.005 T
		29S/27E-16D04 M											
07/22/85	5701			22	C			--	--	.005 T	--	--	--
1010	5701						--	--	--	.005 T	.005 T	--	.005 T
		29S/27E-25R02 M											
07/18/85	5701							--	--	.005 T	--	--	--
1325	5701						--	--	--	.005 T	.005 T	--	.005 T
		29S/27E-25D02 M											
08/27/85	5701			17	C			--	--	.005 T	--	--	--
1000	5701						--	--	--	.005 T	.005 T	--	.005 T
		29S/27E-25R01 M											
07/10/85	5701			21	C			--	--	.005 T	--	--	--
1300	5701						--	--	--	.005 T	.005 T	--	.005 T
		29S/27E-26P01 M											
11/08/84	5701			16	C			.07 T	--	.002 T	.0005 T	.0001 T	.0001 T
1115	5701						.0005 T	.0001 T	.0001 T	.002 T	.001 T	.0001 T	.001 T
		29S/27E-35A02 M											
07/10/85	5701			21	C			--	--	.005 T	--	--	--
1240	5701						--	--	--	.005 T	.005 T	--	.005 T
		29S/28E-16E01 M											
08/27/85	5701			17	C			--	--	.10	--	--	--
1040	5701						--	--	--	.29 T	.10 T	--	.13 T
		29S/28E-16J01 M											
07/18/85	5701			25	C			--	--	.005 T	--	--	--
1240	5701						--	--	--	.005 T	.005 T	--	.005 T
		29S/28E-16P01 M											
08/05/85	5701			21	C			--	--	.005 T	--	--	--
1100	5701						--	--	--	.77 T	.52 T	--	.005 T
		29S/28E-17P01 M											
08/07/85	5701							--	--	.005 T	--	--	--
1515	5701						--	--	--	.12 T	.63 T	--	.11 T
		29S/28E-19D02 M											
07/24/85	5701			21	C			--	--	.35 T	--	--	--
1515	5701						--	--	--	.10 T	.005 T	--	.45 T
		29S/28E-19E02 M											
09/04/85	5701			21	C			--	--	.11 T	--	--	--
1330	5701						--	--	--	0.0 T	.25 T	--	.08 T
		29S/28E-19N02 M											
06/17/85	5701			18	C			--	--	.005 T	--	--	--
1200	5701						--	--	--	.005 T	.005 T	--	.005 T
		29S/28E-20G01 M											
08/06/85	5701			22	C			--	--	.005 T	--	--	--
1100	5701						--	--	--	3.08 T	.42 T	--	.005 T
		29S/28E-20G02 M											
08/06/85	5701			21	C			--	--	.005 T	--	--	--
1400	5701						--	--	--	.05 T	.77 T	--	.005 T
		29S/28E-20H01 M											
08/27/85	5701			23	C			--	--	.14 T	--	--	--
1100	5701						--	--	--	.14 T	.10 T	--	.04 T
		29S/28E-20L01 M											
07/22/85	5701			21	C			--	--	.005 T	--	--	--
1230	5701						--	--	--	.10 T	.13 T	--	.005 T
08/27/85	5701			21	C			--	--	.04 T	--	--	--
1020	5701						--	--	--	.13 T	.18 T	--	.005 T

TABLE E-2 (CONTINUED)

MINOR ELEMENT ANALYSES OF GROUND WATER

CONSTITUENTS IN MILLIGRAMS PER LITER

DATE	SAMP LAB	DEPTH	EC	TEMP PH	ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
		C C-01 C-01.V			TULARE LAKE HB SOUTH VALLEY FLOOR HU KERN DELTA HA						
		29S/28E-30A01 M									
07/ /85	5701			22 C		--	--	.005 T	--	--	--
15	5701				--	--	--	.005 T	.005 T	--	.005 T
		29S/28E-30H02 M									
07/ /85	5701			20 C		--	--	.005 T	--	--	--
15	5701				--	--	--	.005 T	.005 T	--	.005 T
		29S/28E-30Q04 M									
06/ /85	5701			20 C		--	--	.005 T	--	--	--
15	5701				--	--	--	.005 T	.005 T	--	.005 T
		29S/28E-31D01 M									
09/ /85	5701			21 C		--	--	.68 T	--	--	--
10	5701				--	--	--	1.24 T	.13 T	--	.12 T
		29S/28E-32H01 M									
09/ /85	5701			20 C		--	--	.005 T	--	--	--
10	5701				--	--	--	.98 T	.005 T	--	.005 T
		29S/28E-32L01 M									
09/ /85	5701			22 C		--	--	.05 T	--	--	--
10	5701				--	--	--	.81 T	.005 T	--	.05 T
		29S/28E-32R02 M									
08/ /85	5701			21 C		--	--	.30 T	--	--	--
15	5701				--	--	--	.12 T	.005 T	--	.27 T
		30S/27E-01K01 M									
06/ /85	5701			18 C		--	--	.005 T	--	--	--
15	5701				--	--	--	.005 T	.005 T	--	.005 T
		30S/27E-02P01 M									
07/ /85	5701			19 C		--	--	.005 T	--	--	--
10	5701				--	--	--	.005 T	.005 T	--	.005 T
		30S/27E-11R01 M									
07/ /85	5701			21 C		--	--	.005 T	--	--	--
10	5701				--	--	--	.005 T	.005 T	--	.005 T
		30S/27E-12C01 M									
08/ /85	5701			18 C		--	--	.005 T	--	--	--
10	5701				--	--	--	.005 T	.005 T	--	.005 T
		30S/27E-12R01 M									
06/ /85	5701			19 C		--	--	.005 T	--	--	--
15	5701				--	--	--	.005 T	.005 T	--	.005 T
		30S/27E-13H02 M									
06/ /85	5701			18 C		--	--	.005 T	--	--	--
20	5701				--	--	--	.005 T	.005 T	--	.005 T
		30S/27E-23B01 M									
07/ /85	5701			22 C		--	--	.005 T	--	--	--
30	5701				--	--	--	1.67 T	.005 T	--	.005 T
		30S/27E-23C03 M									
07/ /85	5701			18 C		--	--	.005 T	--	--	--
30	5701				--	--	--	.005 T	.005 T	--	.005 T
		30S/28E-05C01 M									
07/ /85	5701			21 C		--	--	.005 T	--	--	--
55	5701				--	--	--	.005 T	.005 T	--	.005 T
		30S/28E-05F01 M									
06/ /85	5701			19 C		--	--	.005 T	--	--	--
30	5701				--	--	--	.005 T	.005 T	--	.005 T
		30S/28E-06M02 M									
07/ /85	5701			21 C		--	--	.005 T	--	--	--
45	5701				--	--	--	.005 T	.005 T	--	.005 T
		30S/28E-17B02 M									
07/ /85	5701			22 C		--	--	.005 T	--	--	--
30	5701				--	--	--	.005 T	.005 T	--	.005 T
		30S/28E-20C01 M									
07/ /85	5701					--	--	.005 T	--	--	--
40	5701				--	--	--	.005 T	.005 T	--	.005 T

ADDITIONAL INFORMATION

Inquiries regarding specific stations or local data should be directed to the Department of Water Resources offices shown below:

County	District Office
Butte, Colusa, Del Norte, Glenn, Humboldt, Lake, Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama, and Trinity	Northern District P. O. Box 607 2440 Main Street Red Bluff, CA 96080 (916) 527-6530
Alameda, Alpine, Amador, Calaveras, Contra Costa, El Dorado, Marin, Mendocino, Mono (North), Napa, Nevada, Placer, Sacramento, San Francisco, San Joaquin, San Mateo, Santa Clara, Sierra, Solano, Sonoma, Sutter, Tuolumne, Yolo, and Yuba	Central District 3521 "S" Street Sacramento, CA 95816-7017 (916) 445-6831
Fresno, Kern (valley), Kings, Madera, Mariposa, Merced, Monterey, San Benito, Santa Cruz, Stanislaus, and Tulare	San Joaquin District 3374 East Shields Avenue Fresno, CA 93726-6990 (209) 445-5443
Imperial, Inyo, Kern (desert), Los Angeles, Orange, Riverside, Mono (South), San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura	Southern District P. O. Box 6598 849 South Broadway, Suite 500 Los Angeles, CA 90055-1598 (213) 620-4107

Inquiries regarding statewide data should be directed to the Division of Planning:

Department of Water Resources
Division of Planning
Statewide Data Coordinator
P. O. Box 942836
Sacramento, CA 94236-0001
(916) 445-7314

State of California—Resources Agency
Department of Water Resources
P.O. Box 942836
Sacramento CA 94236-0001